

# Nitish Nagesh

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## RESEARCH INTERESTS

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Causal Inference, Applied Machine Learning, Recommendation Systems, Knowledge Graphs.

Applications: Food, Nutrition, Wellness, Integrative Health

## EDUCATION

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### University of California, Irvine

*Ph.D. in Computer Science*

Irvine, CA

*Sep. 2021 – Jun. 2026 (expected)*

### University of California, Irvine

*M.S. in Computer Science; GPA: 3.83/4.0*

Irvine, CA

*Sep. 2021 – Jun. 2023*

- **Relevant coursework:** Machine Learning, Artificial Intelligence, Natural Language Processing, Information Retrieval, Algorithms and Data Structures, Causal Inference, Innovation and Product Development, Computer and Communication Networks, Embedded and Ubiquitous Systems

### University of California, San Diego

*M.S. Study Abroad, Computer Science and Engineering; GPA: 3.73/4.0*

San Diego, CA

*Sep. 2019 – Jun. 2020*

### Technical University of Munich

*M.S. in Power Engineering, Dept. of Electrical and Computer Engineering; CGPA: 3.70/4.0*

Munich, Germany

*Oct. 2018 – Dec. 2020*

### R.V. College of Engineering

*B.E. in Electrical and Electronics Engineering; GPA: 3.65/4.0*

Bengaluru, India

*Aug. 2012 – July. 2016*

## RESEARCH EXPERIENCE

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### iHealth Labs

*Research and Strategy Data Scientist*

San Jose, CA, USA

*June 2023 – Present*

- De-identify, aggregate and analyze health records for 5000 patients to manage diabetes and hypertension.
- Lead retrospective data analysis to evaluate efficacy of disease management interventions on clinical outcomes.
- Develop machine learning strategies to personalize health recommendation towards preventative healthcare.

### University of California, Irvine

*Researcher, Institute for Future Health, Supervisors: Prof. Ramesh Jain, Prof. Amir Rahmani, Prof. Nikil Dutt Sep. 2021 – Present*

Irvine, CA, USA

- Build personal models and recommendation systems for 4 year N-of-1 food, nutrition, sleep, activity dataset.
- Formulate causal graphs, validate robustness of causal estimates and estimate counterfactuals for time series data.
- Develop open-source food and well-being database for users to navigate their health journey.
- Design data collection schema and knowledge graphs for standardize food, recipes, ingredients and health effects.
- **Research Output:** 2 paper publications

### University of California, San Diego

*Researcher, System Energy Efficiency Lab, Supervisor: Prof. Tajana Rosing*

San Diego, CA, USA

*Sep. 2019 – Feb. 2021*

- Developed novel reliability-aware task allocation strategies for IoT networks using Python to reduce overall maintenance cost.
- Built a real-world IoT mesh network communicating via MQTT and Wi-Fi to measure impact of resource constraints on reliability.
- Achieved 90% accuracy while validating a reliability simulation framework for IoT networks using Python and C/C++.

- **Research Output:** Master's thesis and 2 paper publications

### University of California, San Diego

San Diego, CA, USA

*Independent Research, Supervisor: Prof. Dr. Pat Pannuto*

*Jan. 2020 – Jun. 2020*

- Developed a remote monitoring tool to infer relationship between soil pH, soil conditions and ambient environment unlike traditional stand-alone systems
- Effectuated targeted fertilizer application by calibrating a soil pH sensor with an average accuracy of 75%
- Researched sensing techniques and machine learning approaches to measure and predict nitrate concentration in large scale deployments
- Researched collaboratively on reproducibility for cyber-physical systems and IoT with case studies while referencing machine learning.
- **Research Output:** 1 paper publication

### Technical University of Munich

Munich, Germany

*Young Academy Scholar, Supervisor: Prof. Winfried Petry*

*Nov. 2018 – Mar. 2020*

- Developed *MUCTrail* - an online tool to teach young children about the scientific method in the context of climate change
- Led software development and scientific writing efforts while working in an interdisciplinary team of researchers from the Economics, Medicine, and Biology departments
- **Research Output:** Publication in project book and social media visibility

### R.V. College of Engineering

Bengaluru, India

*Undergraduate Researcher, Supervisor: Prof. Dr. K Uma Rao*

*Jan. 2016 – Jun. 2016*

- Developed a real-time cloud-based diagnostic tool for detecting faults in a micro-grid using MATLAB Simulink
- Effectuated an online alert generation system based on fault criticality allowing targeted maintenance of micro-grid
- **Research Output:** Bachelor's thesis and 1 paper publication

## PUBLICATIONS

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- **Nitish Nagesh**, Iman Azimi, Tom Andriola, Amir M. Rahmani, Ramesh Jain. **Towards Deep Personal Lifestyle Models using Multimodal N-of-1 Data.** 29th International Conference on Multimedia Modeling, 9-12 January 2023, Bergen, Norway.
  - Ali Rostami, **Nitish Nagesh**, Amir M. Rahmani, Ramesh Jain. **World Food Atlas for Food Navigation.** 7th International Workshop on Multimedia Assisted Dietary Management, 30th ACM International Conference in Multimedia (ACMM2022), Lisbon, Portugal, October 10th, 2022.
  - **[2<sup>nd</sup> Best Presentation Award]**. Alex Yen, Bryse flowers, Wenshan Luo, **Nitish Nagesh**, Peter Tueller, Ryan Kastner, Pat Pannuto "A UCSD View on Replication and Reproducibility for CPS & IoT", 4th Workshop on Benchmarking Cyber-Physical Systems and Internet of Things (CPS-IoTBench) 2021.
  - Kazim Ergun, Xiaofan Yu, **Nitish Nagesh**, Ludmila Cherkasova, Pietro Mercati, Raid Ayoub, and Tajana Rosing. "**RelIoT: Reliability Simulator for IoT Networks.**" In International Conference on Internet of Things, pp. 63-81. Springer, Cham, 2020
  - Kazim Ergun, Xiaofan Yu, **Nitish Nagesh**, Ludmila Cherkasova, Pietro Mercati, Raid Ayoub, and Tajana Rosing. "**Simulating Reliability of IoT Networks with RelIoT.**" In 2020 50th Annual IEEE-IFIP International Conference on Dependable Systems and Networks-Supplemental Volume (DSN-S), pp. 25-28. IEEE, 2020.
  - K. Uma Rao, Akash G. Parvatikar\*, S. Gokul\*, **N. Nitish\***, and Pramod Rao\*. "**A novel fault diagnostic strategy for PV micro grid to achieve reliability centered maintenance.**" In 2016 IEEE 1st International Conference on Power Electronics, Intelligent Control and Energy Systems (ICPEICES), pp. 1-4. IEEE, 2016. \*equal contribution

## PROFESSIONAL EXPERIENCE

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### Qualcomm

Platform Integration Engineer

Austin, TX

Mar. 2021 – Aug. 2021

- Developed a Python tool to parse test data from 5000+ manufacturing logs of QAIC100 AI accelerator saving 3x cycle time.
- Triage and debugged failures in QAIC100 SDK using Linux scripting leading to a system-wide process change in the test methodology.
- Involved in setting up proprietary server platforms in the corporate research and development lab for performance tests.

### General Electric, Healthcare Division

Operations Management Leadership Program (OMLP) Intern

Bengaluru, India

Jun. 2015 – Jul. 2015

- Conceptualized single piece flow in an assembly line of X-Ray devices increasing productivity by 60%
- Created a data monitoring template using Failure Mode Effect and Criticality Analysis (FMECA) tool which led to a reduction in equipment downtime by 30%
- Designed a new layout for the high voltage (HV) tanks equipment area enabling undisturbed access to personnel and allowing a smoother flow of materials

## SKILLS

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- **Programming:** MATLAB, Python, C, Embedded C, C++, Java, Tcl
- **Software Tools and Packages:** PyTorch, Keras, TensorFlow, Pandas, NumPy, Scikit-learn, SciPy, Simulink, Arduino IDE, Git, Vivado HLS, SQL, HTML, CSS, Dash, I2C, UART, SPI, Code Composer Studio, Matplotlib, QAIC100 SDK
- **Hardware:** Oscilloscope, Logic Analyzers, JTAG, Arduino, Raspberry Pi, NodeMCU, PYNQ-Z2
- **Languages:** English (Native/Bilingual proficiency), German (Limited working proficiency), Spanish (Elementary Proficiency), Telugu (Native/Bilingual proficiency), Kannada (Native/Bilingual proficiency), Hindi (Limited working proficiency), Tamil (Elementary proficiency)

## PROJECTS

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### Food Mood Buddy

Independent Research Project, Supervisor: Prof. Dr. Ramesh Jain

Irvine, CA

Jan. 2023 – Present

- Develop personalized AI-driven food recommendation system to improve mood through dietary interventions.
- Built dataset to track and analyze food, exercise, sleep, physiology, circadian rhythm and mental health state.

### Image Segmentation using Deep Learning

Course Project, Supervisor: Prof. Dr. Pierre Baldi

Irvine, CA

Mar. 2023 – Jun. 2023

- Implemented and evaluated image segmentation pipeline using TensorFlow and Segment Anything (SAM).
- Achieved IoU=0.31 for optic disk and IoU=0.08 for fovea segmentation for automated retinal anomaly detection.

### Natural Language Processing Implementation

Course Project: Natural Language Processing, Supervisor: Prof. Dr. Sameer Singh

Irvine, CA

Apr. 2022 – Jun. 2022

- Classified presidential candidate speeches via supervised and semi-supervised learning in Python/TensorFlow.
- Built n-gram language models on the Brown, Gutenberg and Reuters corpuses. Analyzed in-domain and out-of-domain perplexities to compare language models and individual sentences.
- Developed a part-of-speech (POS) and named entity recognition (NER) tagger for twitter data using Conditional Random Fields (CRF) and incorporated Viterbi algorithm to improve CRF accuracy.
- Implemented top-K sampling, nucleus sampling, beam search decoding algorithms and evaluated summarization models qualitatively and quantitatively using Python/TensorFlow.

### Slot Descriptions in Self-Attentive Dialogue State Tracking (DST)

Course Project: Natural Language Processing, Supervisor: Prof. Dr. Sameer Singh

Irvine, CA

Apr. 2022 – Jun. 2022

- Implemented full-shot and zero-shot dialogue state tracking on MultiWoz 2.1 dataset with 5 domains and 8438 dialogues using Python/TensorFlow to transfer knowledge from resource rich domains to unknown domains
- Deployed BERT base model and evaluated accuracy for inserting slot descriptions in zero-shot and full-shot DST

### **Web Crawler and Search Engine Builder**

Irvine, CA

*Course Project: Information Retrieval, Supervisor: Prof. Primit Choudhary*

*Jan. 2022 – Mar. 2022*

- Crawled 50,000 URLs from ics.uci.edu domain using Python to find page similarity and subdomains
- Built search engine using Flask, HTML, CSS to query and retrieve top twenty matches from crawled databases

### **Fashion MNIST Classification using Covolutional Neural Networks**

Irvine, CA

*Course Project: Machine Learning, Supervisor: Prof. Dr. Roy Fox*

*Sep. 2021 – Dec. 2021*

- Classified fashion-MNIST dataset running convolutional neural networks (CNN) on Google Colab using Python
- Achieved 95.88% training accuracy and 93% test accuracy after hyperparameter tuning and cross-validation

### **Reinforcement Learning and Machine Learning Algorithm Design**

Irvine, CA

*Course Project: Artificial Intelligence, Supervisor: Prof. Dr. Roy Fox*

*Sep. 2021 – Dec. 2021*

- Programmed reinforcement learning agent using Monte Carlo Tree Search in Python to solve Sokoban puzzle
- Designed and implemented machine learning algorithms using kNN, Naïve Bayes classifiers, linear regression, cross-validation, logistic regression, shattering, nearest neighbor, decision trees, neural networks, and clustering

### **Interactive global energy consumption dashboard**

San Diego, CA

*Lab Project: Renewable and Sustainable Energy, Supervisor: Prof. Dr. Thomas Hamacher*

*Apr. 2020 – July. 2020*

- Developed first-of-its-kind energy parameter visualization platform for 200+ countries using Dash
- Deployed scalable and globally accessible website using Heroku sourcing data from a structured SQL database using SQLite
- Actualized user-friendly interface for parameters with customizable checkboxes and predictions using logistic regression in Python

### **Algorithm design and benchmarking for FPGA**

San Diego, CA

*Course Project: Validation and Testing of Embedded Systems, Supervisor: Prof. Dr. Ryan Kastner*

*Jan. 2020 – Mar. 2020*

- Achieved average 85% throughput for FIR filter, DFT, FFT using Vivado High Level Synthesis (HLS)
- Added a new benchmark to Spector HLS, a benchmark suite for FPGA by implementing canonized Huffman Encoding in C++
- Optimized design space with 15% higher throughput range and 60% greater pareto points compared to baseline

### **Real-time soil environment monitor with pest deterrence**

San Diego, CA

*Course Project: Introduction to Embedded Computing, Supervisor: Prof. Dr. Tajana Rosing*

*Jan. 2020 – Mar. 2020*

- Outperformed traditional sensing techniques with remote soil sensing and active real-time pest deterrence using Linux, C/C++
- Introduced predictive capabilities within 10% sensing range based on linear regression using the Scikit-learn library in Python
- Visualized soil vitals on an interactive online dashboard developed using HTML, CSS, Flask, and JavaScript

### **Contactless trash weight estimator**

San Diego, CA

*Course Project: Embedded Computing and Communication, Supervisor: Prof. Dr. Aaron Schulman*

*Sep. 2019 – Dec. 2019*

- Attained 70% accuracy in determining an unknown amount of grocery waste using C/C++ and principles of RF attenuation
- Observed less than 25% standard deviation during prototype testing using received signal strength indicator (RSSI) metric
- Realized hands-off food waste estimation without modifying existing trash bin structure by simple retrofitted add-ons

### **Real-time wireless ambient temperature sensing**

Munich, Germany

*Lab Project: Sensor Node, Supervisor: Prof. Dr. Markus Becherer*

*Jun. 2019 – Aug. 2019*

- Developed wireless temperature sensing framework using a resistance temperature detector (RTD) sensor with less than 0.2 variation between sensed and actual values
- Achieved 20% less external noise interference using a Sallen-Key low-pass filter in read-out circuit built using PSoC creator
- Executed real-time secure communication with less than 5% latency using C/C++ with data encapsulation and visualization

## MENTORING

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### **Competitive Edge Summer Research Program Peer Mentor**

*University of California, Irvine*

Irvine, CA

*July. 2023 – Present*

- Peer mentor for incoming underrepresented computer science graduate student with diverse academic and cultural background

### **Lead Mentor, Artificial Intelligence Club**

*University of California, Irvine*

Irvine, CA

*Sep. 2021 – Present*

- Designed and executed a 10-week long comprehensive coding interview preparation program for 15 students to prepare them for software engineering and machine learning internships and jobs in the industry
- Led weekly paper discussion sessions on seminal and trending topics in AI/ML/Data Science for 10 students in Spring 2022
- Initiated How to apply to Grad School series for 50+ students and reviewed 5+ Statement of Purposes leading to successful admits in top schools such as CMU
- Presented a talk on How to apply for research opportunities in UCI for 20 + students leading to 5+ students pursuing UROP and other on-campus research roles
- Hosted panel discussion on AI startups with 5 leading founders/CEOs at the ANTPreneur center attended by 50+ students from diverse backgrounds.

### **ANTreneur Center Graduate Venture Consultant Fellow**

*University of California, Irvine*

Irvine, CA

*Sep. 2022 – Dec. 2022*

- Assisted Director with ANTPreneur Center programming, research and assessment, and student venture consultations.
- Led 20+ 1:1 coaching sessions with an average consulting time of 40 min for aspiring student entrepreneurs offering expertise in market research, customer discovery, and business model canvas with a focus on food and well-being ecosystems.
- Facilitated in-person startup training presentations and fostered research collaborations between student teams.
- Represented the ANTPreneur Center at campus events such as ANTeater involvement fair and the innovation and product development class.
- Initiated strategic partnerships with the AI@UCI club and UCI ICS Alumni chapter leading to hosting joint events.

### **Graduate Interconnect (GIC) Peer Mentor**

*University of California, Irvine*

Irvine, CA

*Jun. 2022 – Dec. 2022*

- Assisted staff at the International Center in helping 20 incoming graduate students to transition smoothly into their graduate program
- Mentored graduate student 1:1 after arriving at UCI on aspects related to finding advisors, logistics, and program specific questions
- Empowered students towards professional development during graduate school through creating content via blogpost for the Graduate Postdoctoral Scholar Resource Center (GPSRC).
- Assisted lead peer mentor in planning and executing on-campus graduate student walks leading to increased camaraderie and school spirit.

### **Undergrad Research Mentor**

*University of California, San Diego*

San Diego, CA

*Jan. 2020 – Mar. 2020*

- Interacted biweekly with rising undergraduate junior introducing my research, busting myths about research, explaining research projects in the lab, and pointing student toward resources for undergraduate research.
- Motivated student to carry out research that led him to pursue research assistant and undergrad researcher positions during his senior year

### **Buddy for Practical Research Experience Program (PREP) Students**

*Technical University of Munich*

Munich, Germany

*May. 2019 – Aug. 2019*

- Assisted undergraduate student from UC Berkeley in overcoming logistical and cultural challenges while in Munich.

### **Mentor for International Exchange Student**

*Technical University of Munich*

Munich, Germany

*May. 2019 – Aug. 2019*

- Supported junior undergraduate student from National Chiao Tung University, Taiwan with specific questions related to the Electrical and Computer Engineering Program

## TEACHING

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### Teaching Assistant

University of California Irvine

Irvine, CA

Sep. 2021 – Present

- Tutor and mentor 200+ students in the upper division course *Critical Writing on Information Technology*
- Critically evaluate students elevator pitches, technical resumes, presentations and persuasive letters by providing constructive feedback preparing them to excel in corporate and academic roles
- Led weekly discussion sessions for 40+ students in Winter 2023 and Spring 2023 enabling mentees to draft better technical documents for proposing changes to existing communication and wellbeing platforms such as Gmail, Instagram, TikTok, Headspace etc.

## LEADERSHIP

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### Student Representative, Diverse Educational Community and Doctoral Experience

Department of Computer Science, University of California Irvine

Irvine, CA

Sep. 2021 – Present

### Member, Torrey Pines Toastmasters Club

University of California San Diego

San Diego, CA

Oct. 2019 – Present

### Finance Lead, U2Q (University to Qualcomm) Board

Qualcomm

Austin, TX

May. 2021 - Aug. 2021

### Secretary, Torrey Pines Toastmasters Club

University of California San Diego

San Diego, CA

Jun. 2020 – Dec. 2020

### Member, Association of Indian Graduate Students (AIGS)

University of California San Diego

San Diego, CA

Sep. 2019 – Jun. 2020

### Organizer, Young Academy Science Hackathon

Technical University of Munich

Munich, Germany

Dec. 2020

## HONORS AND AWARDS

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### Bob & Barbara Kleist Endowed Graduate Fellowship US \$2,500

Donald Bren School of Information and Computer Sciences, University of California Irvine

Irvine, CA

May. 2023

### University of California Grad Slam Semi Finalist (1 of 50) for 3-min research pitch

University of California Irvine

Irvine, CA

Jan. 2023

### Best Social Media Reporter

ACM Multimedia Conference 2022

Lisbon, Portugal

Nov. 2022

### Student Travel Grant US\$2,000 for ACM Multimedia Conference 2022

ACM SIGMM (Associated Computing Machinery Special Interest Group in Multimedia)

Lisbon, Portugal

Aug. 2022

### Entrepreneurial and Technical Lead, Wayfinder UC-affiliated Start-up Incubator

University of California Irvine Beall Applied Innovation

Irvine, CA

Jun. 2022 – Present

### Mental Health Hackathon Winner US\$3,500 (1 of 30)

University of California Irvine ANEntrepreneur Center and Sigma Computing

Irvine, CA

May. 2022

### Elevator Pitch Competition Winner US\$100 (2<sup>nd</sup> out of 10)

Graduate Professional Success for PhD students and Postdocs in STEM, University of California Irvine

Irvine, CA

Dec. 2021

### University of California Grad Slam Semi Finalist (1 of 40) for 3-min research pitch

University of California Irvine

Irvine, CA

Feb. 2022

### Graduate Student Fellowship US\$2,500 (1 of 350) for academic excellence and future promise

Graduate Division, University of California Irvine

Irvine, CA

Sep. 2021

### Richard Newton Young Fellow Grant (1 of 80)

57th Design Automation Conference (DAC) (Remote)

San Diego, CA

Jun. 2020

### International Student Scholarship US\$2,500 (1 of 200) for academic excellence

Government of Bavaria and Technical University of Munich

Munich, Germany

Nov. 2019 – Dec. 2020

### Masters Thesis Scholarship US\$2,000 (1 of 50) for writing masters thesis abroad

German Academic Exchange Service (DAAD) and Technical University of Munich

Munich, Germany

Nov. 2020 – Feb. 2021

### Young Academy Scholarship (1 of 40) for passion towards science

Government of Bavaria and Technical University of Munich

Munich, Germany

Nov. 2018 – Dec. 2020

<b>Most Innovative Thesis Award (2<sup>nd</sup> in 70) for entrepreneurship excellence</b> <i>R.V. College of Engineering</i>	Bengaluru, India Jul. 2016
<b>Academic Excellence Award (2<sup>nd</sup> in 70) for highest overall GPA</b> <i>R.V. College of Engineering</i>	Bengaluru, India Aug. 2012 – Jul. 2016
<b>Best Outgoing Student (1<sup>st</sup> in 70) for all round excellence</b> <i>R.V. College of Engineering</i>	Bengaluru, India Aug. 2012 – Jul. 2016

## INVITED TALKS

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<b>Scientific Writing for Information Technology</b> <i>Host – Maija Kale, University of Latvia</i>	Online Feb. 2023
<b>Personalized Wellbeing Recommendation Systems for Human and Environmental Health</b> <i>Host – Prof. Ganesh Bagler, IIIT-Delhi</i>	Delhi, India Dec. 2022
<b>World Food Atlas and Building Personalized Food Recommendation Systems</b> <i>Host – Prof. Partha Pratim Das, Ashoka University</i>	Haryana, India Dec. 2022
<b>Towards Building Personalized Food and Wellness Recommendation Systems</b> <i>Host – Prof. Lionel Bretillon, INRAE - National Research Institute for Agriculture, Food and the Environment</i>	Paris, France Oct. 2022
<b>Youth Action Assembly - Regional Roundtables for Asia, Pacific and North America</b> <i>World Food Forum, United Nations Food and Agricultural Organization (UN FAO)</i>	Rome, Italy Oct. 2022
<b>Building Personalized Food and Wellness Recommendation Systems</b> <i>Host – Prof. Petia Radeva, University of Barcelona</i>	Barcelona, Spain Oct. 2022
<b>World Food Atlas for Food Navigation</b> <i>7th International Workshop on Multimedia Assisted Dietary Management</i>	Lisbon, Portugal Oct. 2022

## SERVICE

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<b>Reviewer</b> <i>29<sup>th</sup> International Conference on Multimedia Modeling</i>	Bergen, Norway Jan. 2023
<b>Volunteer</b> <i>30<sup>th</sup> ACM International Conference on Multimedia</i>	Lisbon, Portugal Oct. 2022
<b>Volunteer</b> <i>SMVA Trust, NGO</i>	Bengaluru, India Aug. 2016 – Sep. 2018
<ul style="list-style-type: none"> <li>Actively engaged in "Feeding the Hungry" project for 20 hours/month where my team and I distributed freshly cooked meals to 10+ orphanages and senior centers to alleviate poverty and hunger</li> <li>Organized personal hygiene awareness campaigns for impoverished youth toward long-term health.</li> <li>Involved in visiting villages, distributing clothes, environmental stewardship, and offering humanitarian assistance during natural calamities</li> </ul>	

## CERTIFICATES

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<b>Improv for Teaching Certificate</b> <i>Graduate Division, University of California Irvine</i>	Irvine, CA Mar. 2023
<b>Public Speaking Certificate Program</b> <i>Activate to Captivate, University of California Irvine</i>	Irvine, CA Aug. 2022
<b>Mentoring Excellence Program</b> <i>University of California Irvine</i>	Irvine, CA May. 2022
<b>Mini Law School</b> <i>University of Colorado Boulder</i>	Boulder, CO Oct. 2020
<b>Micro MBA, Rady School of Management</b> <i>University of California San Diego</i>	San Diego, CA Aug. 2020

## REFERENCES

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**Dr. Amir Rahmani**  
Associate Professor  
UC Irvine  
*Ph.D. Advisor*  
a.rahmani@uci.edu

**Dr. Ramesh Jain**  
Distinguished Professor Emeritus  
UC Irvine  
*Ph.D. Mentor*  
jain@ics.uci.edu

**Shannon Alfaro**  
Continuing Lecturer  
UC Irvine  
*Writing Instructor*  
alfaro@uci.edu