

CONTACT

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BAY AREA, CA



EDUCATION



UNIVERSITY OF CALIFORNIA, DAVIS
Computer Engineering
(BS)
JUNE 2021

ACHIEVEMENTS

Scholarships: BICB (\$1,500),
CFMA (\$2,500), Ernest Nancy
Memorial (\$1,000), Tom Peters
Memorial (\$1,000)
AP Scholar with Distinction
AP + PLTW Recognition
Bollywood Dance
Piano (5 years)
PaTech (Promoting Ageless
Technology) 150+ hours

DIVYA KARTHIK

SKILLS

Languages: C, C++, HTML, CSS, Python, JSON, Assembly x86, MATLAB

Software Tools: Amazon Web Services, Ansible Playbook, Capistrano, Docker, GIT, Jenkins, Jupyter Notebook, Terraform

Other tools: AutoCAD, Adobe Illustrator, JIRA, Confluence

COURSEWORK + CERTIFICATIONS

Software Development and Object-Oriented Programming | Programming and Problem-Solving | Machine Dependent Programming | Discrete Math for CS | Data Structures | Algorithms | Computer Architecture | Digital Systems | Embedded Systems | Artificial Intelligence (NLP) | Applied Data Science* | Artificial Intelligence Senior Design* | Operating Systems* | SAFe 4 Agile Certification* (* In Progress)

EXPERIENCE

PEER ADVISOR | UCD ENGINEERING UNDERGRADUATE OFFICE

(March 2019 - Present)

- Advise engineering students regarding major evaluation, schedule planning and general academic questions. Lead Webinars and Orientation Events with 100+ students. Perform front-desk reception duties and administrative tasks.

DIRECTOR OF MARKETING | WOMEN IN COMPUTER SCIENCE

(March 2020 - Present)

- Advertise club events via social media and conduct social recruiting. Lead member onboarding process. Assist in planning and organizing biweekly club events with 50+ participants.

SOFTWARE ENGINEERING INTERN | POSHMARK

(June 2020 - August 2020)

- Implemented a Jenkins interface for handling copyright image complaints. Deletes images and clears cache on AWS backend based on copyright image URLs entered by compliance team weekly.
- Developed a dynamic inventory for Capistrano using a python script. On demand, generates a Capistrano Ruby file of actively running instances and associated attributes. Used for deployment in production environment.
- Implemented Terraboard, a version visualization dashboard for Terraform. Utilized AWS (EC2, Load Balancer, Route 53, Target Groups), Terraform, Ansible Playbook, Docker and Vouch.

SOFTWARE ENGINEERING INTERN | ROBERT HALF

(June 2019 - September 2019)

- Using AWS, improved the Incident Management System by implementing search capabilities that return machine learning generated related cases from tickets in the AWS Support, ServiceNow, and Jira platforms.
- Implemented Automatic Categorization, Parsing, Vectorization of information and long-term storage, and a user-friendly interface.

TUTOR/ASSISTANT | ALOHA MATH MINDS

(July 2018 - September 2018)

- Tutored classes of 15-20 young students in reading, writing and ABACUS.

FRONT-END INTERN | MDOUT

(June 2018 - September 2018)

- Worked with the marketing team on company's website using HTML/CSS.
- Produced concepts via computer software (Adobe Illustrator/Photoshop) for advertising purposes.