

## 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, 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) | Databases: Intro to Distributed Ledgers\* | Applied Data Science\* | Operating Systems\* | SAE 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. Assisted 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, 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.