

## 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, Terraform, Jenkins, Ansible Playbook, Capistrano, Jupyter Notebook  
**Other tools:** AutoCAD, Adobe Illustrator, JIRA, Confluence

## COURSEWORK

Software Development and Object-Oriented Programming | Programming and Problem-Solving | Computer Organization and Machine Dependent Programming | Discrete Math for Computer Science | Data Structures | Algorithms and Programming | Computer Architecture | Digital Systems | Embedded Systems | Artificial Intelligence

## EXPERIENCE

### PEER ADVISOR | UC DAVIS ENGINEERING UNDERGRADUATE OFFICE

(March 2019-Present)

- Advise engineering students regarding major evaluation, schedule planning and general academic questions. Lead Webinars and Engineering Orientation Events with 500+ students Performed front-desk reception duties and administrative tasks.

### DIRECTOR OF MARKETING | WOMEN IN COMPUTER SCIENCE

(March 2020-Present)

- Advertised club events via social media and 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.
- 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 students (ages 5-12) on reading, writing and ABACUS math.

### FRONT-END INTERN | MDOUT

(June 2018-September 2018)

- Worked with the marketing team on companies' websites front-end development using HTML/CSS.
- Produced concepts via computer software (Adobe Illustrator/Photoshop) for advertising purposes.