Divya Karthik

Email: divyakarthik8399@gmail.com
Phone: 925-577-9921
Website: divyakarthik33.github.io

education

University of California, Davis | Computer Engineering (B.S) | Class of 2021

courses

Software Dev and Object-Oriented Programming | Programming and Problem-Solving | Machine Dependent Programming | Discrete Math | Data Structures | Algorithms | Computer Architecture | Digital Systems | Embedded Systems | NLP | Applied Data Science | Artificial Intelligence Design Project | Operating Systems

skills

languages

C/C++
Python
Bash
HTML/CSS
JSON/YML
Assembly x86
Verilog

tools

Ansible
AWS
Confluence
Datadog
Docker
Fluentd
Git

Jenkins
Jupyter nb
Jira
Kibana
Kubernetes
NLP
Terraform

extracurriculars

Peer Advisor @ UCD College of Engineering
Director of Marketing @ UCD Women In Computer Science
Tutor @ ALOHA Math Minds (ABACUS/Reading)
Volunteer @ PaTech (Promoting Ageless Technology)
Volunteer @ Davis Public Library

achievements

Merit Scholarships: BICB, CFMA, Ernest Nancy Memorial, Tom Peters Memorial | AP Scholar with Distinction | AP + PLTW Recognition

work experience

DevOps/SRE Engineer | Poshmark | July 2021 - Present

Supporting Infrastructure automation, expansion, and maintenance. Orchestrating deployment under CI/CD pipelines by collaborating with various dev teams. Debugging critical issues for site reliability.

internships

DevOps Intern | Poshmark | June 2020 - August 2020

Implemented a Jenkins interface for automatically handling copyright image complaints entered by compliance team weekly. Developed a dynamic inventory for Capistrano using a python script (used for production deployment). Implemented Terraboard, a version visualization dashboard for Terraform.

Cloud Ops 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 parsing, vectorization of information, automatic categorization, long-term storage, and a user-friendly interface.

FrontEnd Intern | MDout | June 2018 - August 2018

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