DIVYA KARTHIK

Student at the University of California, Davis | Email: divkarthik@ucdavis.edu | Phone Number: 925-577-9921 | Website: divyakarthik33.github.io/me

EDUCATION AND BACKGROUND

- University of California, Davis – Class of June 2021
- Computer Science and Engineering (BS)

- 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 Programing, and Computer Architecture

- SKILLS:
  - C/C++
  - HTML/CSS
  - Adobe Illustrator
  - AutoCAD
  - Assembly X86
  - Python
  - JSON
  - Machine Learning
  - Cloud Development and Architecture
  - AWS
  - Machine Learning

  Familiar with:
  - UNIX/LINUX
  - MATLAB
  - SQL

WORK EXPERIENCE

- **Robert Half || IT Intern (Cloud Architecture and Infrastructure Platform Department) || Summer 2019**
  - Using AWS technologies, improving the Incident Management System by implementing search capabilities that return related cases from tickets in the AWS Support, ServiceNow, and Jira platforms.
  - Implementing Automatic Categorization, Parsing, Vectorization of information and long-term storage, and a user-friendly interface.
- **UC Davis College of Engineering || Peer Advisor || May 2019 – Present**
  - Advised engineering students regarding major related questions, schedule planning and general academic questions.
  - Performed front-desk reception duties and administrative tasks.
- **MDout Inc. || UI/UX and Graphic Design Intern || 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.
- **ALOHA Math Minds || Teaching Assistant || July 2018 - September 2018**
  - Tutored classes of 15-20 students (ages 5-12) on reading, writing and ABACUS math.
- **PaTech (Promoting Ageless Technology) || Co-Founder and Volunteer || February 2016 – June 2018**
  - Directed and found a small community service project dedicated toward promoting technology amongst seniors. Worked with 6-7 local senior homes and aided with computer-based skills via one on one sessions and workshops.
- **PG&E || Job Shadow || July 2016**
  - Learned the basics of an ERP Software, project scheduling, resource management, and basic finance.
  - Experienced working in a professional business setting and working with the organization of typical industries (Project Management, Structure, and Execution).
- **Technology Student Association || VP of Competitive Events || 2015-2016**
  - Enhanced leadership skills by working with several people.
  - Improved time-management, communication, organization. and problem-solving skills.

EXTRACURRICULARS

AWARDS AND ACHIEVEMENTS:

- FBLA (Future Business Leaders of America): Top ten finalist out of 50 competitors in a global business event.
- TSA (Technology Student Association): 1st place in Future Technology Teacher Event and 2nd place in Engineering Design Event.
- Scholarships: BICB ($1,500), CFMA ($2,500), Ernest Nancy Memorial ($1,000), Tom Peters Memorial ($1,000)
- AP Scholar with Distinction, AP + PLTW Recognition

COMMUNITY INVOLVEMENT/ INTERESTS:

- Bollywood Dance Club (2015-2017)
- Piano (5 years)
- Senior Center Hours (150+)
- ACE (Architecture, Construction, Engineering) Mentor Program
- UC Davis SWE, CS Club, HackDavis

TEST SCORES AND HONORS:

- SAT (700M,700W), SAT Math Subject: 730