Gabriel Mejia

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Objective

Seeking a position in the field of Computer Science & Engineering with emphasis in web programming.

Education

University of California, Merced: Bachelors in Computer Science & Engineering, GPA 3.5 Projected Graduation: May 2020
Relevant Coursework: Algorithm Design and Analysis, Software Engineering, Database Systems,
Artificial Intelligence, Operating Systems, Computer Vision, Circuit Theory

Technical Skills

- Languages/Markups: JavaScript(React/Redux), HTML, CSS, JSON, Python(Flask/Django), C/C++, Java, SQLite, Matlab
- Operating Systems/Software: Linux (Debian, Ubuntu), Windows, Mac, Git/Github, VSCode, all Adobe Creative Suite products

Experience

Apple Technical Supprt(Mac OS, IOS) - Apple July 2018 - Present

- Installing software, hardware, & performing system updates at the OS & bios level
- Configuring customer apple id's & icloud accounts for data management and secure payment authentications
- Installing customer emails, network printers, VPN, & coordinate service options for hardware related issues

Software Engineer - Valley Children's Hospital August 2019 - December 2019

- Created a new way to test a patients visual acuity, pupilary reflex and eye movement using the latest web technologies.
- Created and deployed a telemedicine web application using JavaScript, HTML, and CSS to create the user interface and visual exams, along with PHP to connect to a MySql database.

Independent Projects

Vehicle Recognition Automatic Garage Opener January 2020 - Present

- Rasberry Pi driven vehicle recognition that varifies your license plate and other programmed verifications to trigger your garage door to open
- Languages: Python, Node-Red
- Frameworks/Libraries: OpenALPR

Highly Advanced Car Alarm for 90's Vehicle November 2019 - January 2020

- Installed a fully functional car alarm in a 1992 Nissan 240sx that has passive keyless entry, push button start, remote start, and illegal door opening
- Hardware: Uninterruptible 12v Source, 5 pin Circuit Relays, PKE Sensors, Shock Sensors, Siren, Control Module

Visual Acuity Web App August 2019 - December 2019

- A Web App that tests a user's Visual Acuity on each eye and presents a vision rating of up to 20/20
- Languages: JavaScript, HTML, CSS

Ultimate Arcade February 2017 - January 2018

- The ultimate arcade that emulates playing all the best consoles from 1985 through present day, and provides beautiful game artwork all catagorized by cosoles and all their respective games
- Languages: java
- Frameworks/Libraries: all open source emulators for consoles, Hyperspin for UI
- Hardware: internal office computer, joysticks, buttons, speakers, plywood enclosure