

Anique Davla

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EDUCATION

San Jose State University, San Jose, CA

Spring, 2019

- BS, Software Engineering (minor: Mathematics)
- Engineering Leadership Pathway Scholar, GPA: 3.61
- **Relevant Courses:** Data Structures & Algorithms, Object Oriented Design, Computer Architecture, Full Stack Development, Software Engineering, Intro to Data Structures & Algorithms, Intro to Programming in Java

SKILLS

Programming: Java, JavaScript, Bash, LabView

Web Development: HTML, CSS/Bootstrap, React JS, jQuery, Rails, php, MySQL, Selenium, JUnit, REST

Development Tools: Git, npm, bower, Ant, Gerrit, Jenkins, Vim, Android Studio, phpMyAdmin

Operating Systems: Mac-OS, Linux, Android, Windows, Unix

Embedded Systems and Sensors: National Instruments Compact-Rio, Arduino, FIRST Robotics c-RIO (NI), PWM, CAN, accelerometer, encoders, Talon/Victor speed controllers, limit switches, and gyroscopes

Lab/Hardware: Experience building and troubleshooting computers, networking wireless communication over TCP/IP microcontrollers, circuitry, power supply, soldering, and electrical wiring- control systems

WORK EXPERIENCE

NASA Ames Research Center, Mountain View, CA

04/2016 – Present

Software Developer Intern with AMA

- Design, and implement a cross platform desktop application, from the ground up, using Electron.js, React.js, and Node.js for material scientists to access, and analyze Orion Test flights' heat shield data.

Hewlett Packard Enterprise, Fremont, CA

05/2016 – 08/2016

Software Development Intern

- Implemented, and enhanced 3 major features; debugged, and fixed close to a dozen bugs of Remote Copy, aka Data Replication, services of the agile delivered HPE 3PAR StoreServ Management Console(SSMC), a Web App.
- Developed on the entire software stack, frontend with HPE Piano, JavaScript, and JQuery, and backend on Java. Used RESTful web frameworks, HPE internal frameworks to make requests, and tested with Selenium and JUnit.

American Council for International Students, San Diego, CA

05/2014 – 08/2015

Web Developer/ Student Advisor

- Developed, and maintained a valuable web app using HTML, CSS, JavaScript and SQL for student advisers to keep student record, and provide appropriate admissions counseling.

PROJECTS and LEADERSHIP

Tea, Co-Founder and CEO

08/2016 – Present

- A unified web platform for student engagement on college campuses using Ruby on Rails and Python.

VioletDroid

10/2016 – 01/2017

- An Android application for creating simple UML Class and Sequence diagrams quickly on a phone or tablet.

Web Developer, Muslim Student Association @SJSU

12/2015 – 01/2017

- Developed the first functional webpage for the MSA using Twitter Bootstrap 3, HTML, CSS, and JS.

Control Systems Mentor, Madison High Robotics

06/2015 – 05/2016

- Mentor FIRST Robotics team 1266, The Devil Duckies, with Java, and LabView control system programming.

Web Developer, SJSU Robotics

08/2015 – 06/2016

- Developed UI for camera, lidar-sensor control, and tracking interface for a NASA sponsored University Rover Competition, using Node JS and React JS.

World Championship, FIRST Robotics

03/2015

- Invited to and competed in the FIRST Robotics World Championship in Saint Louis.

Head Programmer/Control Systems, FIRST Robotics

09/2012 – 06/2015

- Lead a small team of Electrical Engineers and Programmers to design and program the control system, and control interface for 4 robots competing in over 10 national First Robotics Competitions using Java, and LabView