

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
- **Relevant Courses:** Data Structures & Algorithms, Object Oriented Design, Computer Architecture, Assembly Language, Full Stack Development, Operating Systems, Databases, Software Engineering I & II, Intro to Data Structures & Algorithms, Intro to Programming in Java

SKILLS

Programming Languages: Java, JavaScript, Bash, LabView

Web Development: html, css/bootstrap, jQuery, node.js, react.js, electron.js, XML/JSON, MySQL, Selenium, JUnit, REST

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

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

WORK EXPERIENCE

NASA Ames Research Center, Mountain View, CA

04/2017 – 01/2018

Software Developer Intern | AMA

- Design, and implement a full stack 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' (EFT-1) heat shield data.
- Heat-shield interface lets engineers choose parts of the heat-shield or embedded sensors to retrieve relevant data about the shield blocks or sensors.
- App saved scientists 200% less time accessing relevant data, and 50% less time performing comparative analysis. Iterated over 4 beta versions and half-dozen user experience tests.

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 services of the agile delivered HPE 3PAR StoreServ Management Console(SSMC).
- 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

Sweev, Co-Founder

08/2017 – 01/2018

- A mobile app that serves as a universal follow button or a selective way of following different social media accounts from one platform, built using Swift iOS and Python's django rest framework.

Capital Two

08/2017 – 12/2017

- A business analytics software for banks to analyze user transactions to sell to businesses, built using Java Spring, React.js and MySQL, for predicting sales, fashion and inventory trends.

Tea, Co-Founder

08/2016 - 04/2016

- 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

8/2016 - 01/2017

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

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.

Head Programmer/Control Systems, FIRST Robotics

09/2012 - 06/2015

- Designed and programmed control systems and control interface for 4 robots competing in over 10 national First Robotics Competitions and World Championship using Java, and Lab View.