MICHAELA POBLETE

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EDUCATION

University of California, Davis
B.S. Computer Science, June 2020
Minor: Technology Management

- **Relevant Coursework:** Intro to Robotics, Programming and Problem Solving, Object-Oriented Programming, Data Structures, Algorithm Design, Web Programming, Programming Languages, Machine Dependent Programming

SKILLS

Programming Languages/Web: C/C++, Objective-C, JavaScript, jQuery, HTML/CSS, AngularJS, Bootstrap, Linux/Unix, Git, Drupal, Bash, Arduino

EXPERIENCE

Front-End Software Engineer Intern October 2017- March 2018
D.I.C.E Lab
Davis, CA

- Designed a simple, interactive online ordering system menu to study the effect of communication of health effects on food choices
- Created responsive design using HTML/SCSS along with JavaScript frameworks such as jQuery and Bootstrap as well as front-end Ruby to perfect the design and user experience

Software Technical Manager, January 2016 – Present
UC Davis Student Startup Center
Davis, CA

- Creatorchallenge.io – Coded, designed, and lead the hackathon website team for the Creator Challenge Series 2018 hackathon at UC Davis
- Wrote Front-end Development workshop series, "Code a Live Website" and "Basic Web Design" with 150+ students individually coding their personal website and learn how to launch it to the web; selected and trained TA's to assist students
- Created a marketing strategy to enroll students in "Code a Live Website" which resulted in 300+ registering; training of students in front-end web development, successful students sites include denalichin.me, deborahchang.me, dereklee.tech, suzannasim.com, doriancrutcher.me
- Organized and marketed different technical internship panels for Software and Mechanical Engineering with employees from SpaceX, Tesla, Intel, Amazon, Google, with combined 90+ attending

Co-Founder, September 2017 – Present
SacHacks
Sacramento, CA

- SacHacks.io, coded edits on the website to perfect the overall look (HTML/SCSS) and oversaw development team
- Led the execution of the first intercollegiate Sacramento hackathon with a team of 25+
- Hackathon is now cohosted by the NBA team Sacramento Kings and XYO Blockchain and sponsored by tech companies
- 300 hackers from schools across California set to attend to push the agenda towards a better future by showcasing their novel projects; inspiring others to further push the limits of their products

Lead of Navigation, Controls Team, September 2017 – March 2018
UCD Hyperloop Team
Davis, CA

- Led a team of 5 to meet deadlines for pod construction
- Designed code blueprint that outputs versatile sensors data of hyperloop pod to a graph
- The aim of the project is to make testing easier for all other Hyperloop sub-teams working on different parts of the pod

PROJECTS

Weather Display Project

- Created an interface which uses OpenWeatherMap API and displays weather to the screen (HTML, AngularJS)

Activity-Bot Robot

- Built a robot then implemented physical object avoidance capabilities into it using sensors, Arduino, and Objective-C