Michaela Poblete

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EXPERIENCE

Software Engineer Intern |DICE Lab
(October 2017-March 2018)
- Designed and coded 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 Ruby to perfect the design and user experience

Co-Founder | SacHacks | sachacks.io
(September 2017-Present)
- Coded design aspects for sachacks.io
- Controlled budget of $30k, raised by building partnerships with companies like the Sacramento Kings and XYO Blockchain
- Led the execution of the first intercollegiate Sacramento hackathon with a team of 25+
- Single-handedly secured $9200 by getting sponsorships from UC Davis, UC Davis College of Engineering, Github, Sac State, Macy's Tech, and other companies
- 1000+ students registered from 65+ schools from across the US and internationally

Technical Manager | UCD Student Startup Center
(January 2016-Present)
- Creatorchallenge.io – Coded, designed, and lead the hackathon website team for the Creator Challenge Series 2018 hackathon at UC Davis
- Designed and taught a workshop, "Code a live website" with 150+ students individually coding/editing their personal website and learn how to launch it to the web
- Created a beginning HTML/CSS course, "Basic Website Design with HTML/CSS" with students creating a HTML/CSS personal website UI
- Created a marketing strategy to enroll students in "Code a Live Website" which resulted in 300+ registering

Navigation Lead |UCD Hyperloop Team
(October 2017-December 2017)
- 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

Co-Founder | #Include-Davis
(August 2016-March 2017)
- Cofounded a web development club at UC Davis that builds websites free of charge to non-profits

EDUCATION

University of California, Davis
B.S. Computer Science, June 2020
Minor, Tech Management, Human Rights

SKILLS

Programming: C/C++, Objective-C, JavaScript
Web: HTML/CSS, SCSS, NodeJS, ExpressJS, AngularJS, jQuery, Bootstrap
Other: Git, LINUX/UNIX, Arduino IDE, Drupal
Spoken Languages: Tagalog, English

PROJECTS

SacHacks (September 2017- Present)
Started the first major intercollegiate hackathon in Sacramento, Fall 2018 hosted 300+ hackers, raised $30K+, partnered with MLH and the Sacramento Kings

SafeDrive (January 2019)
A web and mobile app for smartcars that detects high beams and license plates, and sends notifications to the car causing the disturbance (TwilioAPI, Google+ API, NodeJS, iOS, HTML/CSS)

XXXFireBabies (March 2019)
App for smartcars that periodically alerts car owners if their children or animals are overheated in the car (SmartcarAPI, OpenWeatherAPI, TwilioAPI, NodeJS, ExpressJS, HTML/CSS)

Obstacle-Sensing Robot (August 2015)
Built a robot that had physical object avoidance capabilities using sensors (Arduino, Objective-C)

COURSEWORK

Introduction to Programming
Object-Oriented Programming
Machine Dependent Programming
Data Structures and Algorithms
Operating Systems
Introduction to Robotics
Managing and Using Information Technology
Technology Management
Supply Chain Planning and Management
Marketing for Tech-Based Enterprises