

MELISSA SHEEHAN

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EDUCATION

University of California, Davis	September 2016 – June 2018
Bachelor of Science in Computer Science; GPA: 3.66	
University of California, San Diego	September 2015 – June 2016
Cross-enrollment program	
San Diego Miramar College	September 2014 – June 2016
Associate in Computer and Information Sciences	

SKILLS

- React, Ruby on Rails, JavaScript, C++, Java, and HTML/CSS
- Full stack experience - taking features through each phase: design, implementation, testing, and maintenance
- Effective team-oriented leader and communicator as demonstrated by performance at hackathons

EXPERIENCE

Full Stack Software Developer, Reflektive – San Francisco, CA	October 2018 – July 2019
<ul style="list-style-type: none">• Tools: Ruby on Rails, React/Redux, Backbone, and Postgres• Drove full stack features for customers with 30k+ users from conception to production• Scaled APIs and old functionality of the platform's most mature, complex product• Coordinated with teams to fix any staging environment bugs/nag errors within a 3-week timeline• Utilized Agile workflow in a fast-paced startup environment	
Web Developer, Center for Educational Effectiveness – UC Davis, Davis, CA	September 2017 – September 2018
<ul style="list-style-type: none">• Implemented 12+ features such as forms, note-taking interface, and dynamic data tables• Refactored legacy code and revamped for scalability with a database growing past 5.5 million records• Incorporated open-source libraries and wrote web scraping scripts	
Tutor, Computer Science 4 Kids, Davis, CA	April 2018 – June 2018
<ul style="list-style-type: none">• Taught debugging techniques and integration of code with PythonAnywhere IDE• Assisted with development of math-problem generating site using Python and Flask	
Instructor, iD Tech – UC Berkeley, Berkeley, CA	June 2017 – August 2017
<ul style="list-style-type: none">• Supervised and mentored 8 students each week• Created lesson plans to teach fundamentals of C++ and JavaScript• Composed and demonstrated example programs to enhance student understanding	
Business Intelligence Engineer Intern, Xifin, San Diego, CA	September 2015 – August 2016
<ul style="list-style-type: none">• Processed 12+ hospital fee spreadsheets on a weekly basis• Tested and documented weekly software update releases• Maintained and supported critical healthcare data (fee schedule) management	

PROJECTS

KnowYourStudents, Center for Educational Effectiveness	November 2018 – September 2018
<ul style="list-style-type: none">• Data-visualization site to help educators improve teaching performance• Reduced rendering time by writing 20+ server requests to run in constant time• Increased user satisfaction by rebuilding frontend, data-visualization menu to more accurately calculate and display insightful data• Tools: React, Ruby on Rails, jQuery, Postgres, AWS Elastic Beanstalk, D3.js for graphs describing class demographics, Redis for caching	
CommunityText, Spectra 2.0 San Francisco Hackathon – Won “Best Use of mLab”	July 2018
<ul style="list-style-type: none">• Crowdsourcing platform that gathers text responses to daily themed questions• Created frontend site and designed functionality to retrieve backend data• Tools: React, Heroku, mLab (MongoDB), and Twilio	

AWARDS

Judge's Favorite at Spectra 3.0 Hackathon	July 2019
UC Davis Yampol-Egerman Scholarship	November 2016
1st in “Appropriateness to Theme” at CSU San Marcos Hackathon (Team Leader)	April 2016

ACTIVITIES

Executive Board Member, Phi Sigma Pi, National Honor Fraternity, Davis, CA	September 2017 – June 2018
Intro to Computation Tutor, UC Davis Computer Science Department, Davis, CA	January 2017 – March 2017