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| **MELISSA SHEEHAN** |  |
| www.sheehanmelissa.com | [mxsheehan7@gmail.com](mailto:mxsheehan7@gmail.com) | www.linkedin.com/in/sheehanmelissa | |
| **EDUCATION** |  |
| *University of California, Davis*  Bachelor of Science in Computer Science; GPA: 3.66 | September 2016 – June 2018 |
| *University of California, San Diego*  Cross-enrollment program | September 2015 – June 2016 |
| *San Diego Miramar College*  Associate in Computer and Information Sciences | September 2014 – June 2016 |
| **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   * 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 bugsnag errors within a 3-week timeline * Utilized Agile workflow in a fast-paced startup environment | October 2018 – July 2019 |
| *Web Developer,* Center for Educational Effectiveness – UC Davis, Davis, CA   * 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 | September 2017 – September 2018 |
| *Tutor, Computer Science 4 Kids, Davis, CA*   * Taught debugging techniques and integration of code with PythonAnywhere IDE * Assisted with development of math-problem generating site using Python and Flask | April 2018 – June 2018 |
| *Instructor,* iD Tech – UC Berkeley, Berkeley, CA   * 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 | June 2017 – August 2017 |
| *Business Intelligence Engineer Intern,* Xifin, San Diego, CA   * 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 | September 2015 – August 2016 |
| **PROJECTS** |  |
| *KnowYourStudents*, Center for Educational Effectiveness   * 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 | November 2018 – September 2018 |
| *CommunityText*, Spectra 2.0 San Francisco Hackathon – Won “Best Use of mLab”   * 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 | July 2018 |
| **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 |