Justin Dong

Computer Science Student at the University of California, Santa Barbara

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Education

UC Santa Barbara, Santa Barbara, CA — B.S. in Computer Science

September 2017 to June 2021
GPA: 3.12, Deans Honor (Fall '17, Winter '18, Spring '20)
Relevant Coursework: Object Oriented Design and Implementation, Computer Organization and Logic Design, Data Structures and Algorithms, Advanced Applications Programming, Automata and Formal Languages, Operating Systems

Experience

Muncaster Consulting, FLIR — *Software Engineering Intern*

June 2019 to Present
- Implemented complete end-to-end automatic Continuous Integration tests for FLIR's data repository web application using Jenkins CI server, shell scripts, and Docker
- Refactor result logs of a Neural Network classifier and expand testing use cases to measure performance in C++
- Implemented and deployed fixes for various bugs and feature requests for the web application using ReactJS

Ovanah — *Software Engineering Intern*

January 2019 to March 2019
- Developed buyer-side front-end UI for e-commerce curated fashion marketplace
- Communicated with design team to successfully implement UI/UX mockups using ReactJS and Material UI
- Implemented email designs for both buyer-side and seller-side using HTML and CSS
- Trained and worked in the Agile Methodology with weekly standup meetings and code reviews to increase productivity and overall code quality

Data Science At UCSB — *Engineering Team*

June 2019 to June 2020
- Working along side two other team members to implement club website using Ruby on Rails, HTML, CSS, and MySQL Database
- Re-design website from scratch to enable more accessible information for ~200 club members
- Oversee complete implementation process from planning, design, implementation, etc.
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Projects

ReciPull — *React.js, Java, MySQL*

- Worked along side four other team members to develop recipe web application which allows user to input available ingredients and view a list of convenient recipes
- Implemented fully functional frontend from scratch using ReactJS to display dynamic components
- Developed backend using Java and Jetty HTTP server to sort through recipes from MySQL database

SmartBrain — *Node.js, React.js, HTML5, CSS3*

- Developed an image recognition web application that identifies faces within a given photo
- Utilized the Clarifai API to locate and detect the faces in a photo
- Fully implemented the front-end with React.js as well as back-end with Node.js
- Integrated the backend and frontend to allow for a smoothly running interface

Skills and Interests

Computer Languages:	Python, C++, HTML, CSS, JavaScript (ES6)
Frameworks:	React.js, Node.js
Databases:	MySQL, MongoDB
Technologies:	Git/Github, Jira
Software:	Adobe Photoshop, Adobe Illustrator, G-Suite, Microsoft Office
Interests:	Photography, Stocks & Investment, Traveling, Hiking