CHARLES DAVID OLIVAR

CharlesDavidOlivar.com | cdolivar@berkeley.edu | (408) 621-3663

EDUCATION

University of California, Berkeley
- BA Computer Science
- Certificate in Design Innovation
GPA: 3.6
Expected May 2019

Coursework
User Interface Design, Data Structures, Algorithms, Databases, Internet, Security, User Experience Design, Front-End Development, Artificial Intelligence, Game Design, Machine Architecture

Activities
Upsilon Pi Epsilon (CS Honors Society), Berkeley Innovation, Innovative Design, MakeNew Christian Fellowship

SKILLS

Programming
Javascript, Java, Python, C, SQL, Unity

Web
HTML, CSS, Javascript, JQuery, React Redux, Node, npm, webpack, Git, Bootstrap, WordPress,

Design
Sketch, Invision, Principle, Framer, Photoshop, Illustrator, Figma, Abstract, User Research, User Testing

EXPERIENCE

Indeed   May 2018 - August 2018
UX Design Intern   San Francisco CA
• Designed 5 user input screens to populate user profile (location, skills, values, types, titles)
• Implemented designs with **Framer.js** (coffeescript), utilizing **MapBox**'s api for location mapping
• User tested with UserTesting.com and iterated on feedback

Walmart Labs   Jun 2017 - Aug 2017
Software Engineering Intern   Sunnyvale CA
• Designed and implemented an internal web app that allowed Walmart engineers to register and authorize 3rd parties for API access
• Front-end: **React**, **Redux**, Redux-Form (client-side validation)
• Backend: **Joi (server-side validation)**, on **Electrode** (a **Node.js** platform)

CS 160   Aug 2018 - Present
Reader   Berkeley CA
• Grading assignments, tests, and exams for UC Berkeley's upper division course on user interface design and development

Stowk   Oct 2017 - Jan 2018
Web Design Intern   Berkeley CA
• Designed and built Stowk's website using HTML, CSS, Javascript

CS61B   Jan 2017 - May 2017
Academic Intern   Berkeley CA
• Helped students understand concepts and complete labs for UC Berkeley's lower division course on Data Structures

Facebook Techstart   Oct 2017 - Jan 2018
Highschool Mentor   San Leandro CA
• Taught AP computer science concepts to eighteen high school students everyweek using Java and BlueJ

PROJECTS

Socratic
• Designed and implemented a web app that facilitates discussion of current events between users of different opinions
• Built with **html**, **css**, **javascript**, **handlebars**, and **Meteor.js**

Pachi's Panic!
• Built a game where the player is a dog named Pachi trying to find its owner
• The first half of the game is an escape-room. The second half of the game, there are obstacles to dodge on the street
• Built in **Unity** with **C#**

Text Editor
• Built a working text editor that supports arrow-key navigation, word wrap, undo/redo, and saving/opening files.
• Built with **Java** and the **JavaFX** Library with **IntelliJ**