

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 (160),
Data Structures (61B), Algorithms (170),
Databases (186), Internet (168), Security
(161), User Experience Design (190),
Front-End Development (Udacity),
Artificial Intelligence (188),
Game Design (178), Machine Architecture
(61C)

Activities

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

SKILLS

Web

HTML, CSS, Javascript, JQuery, React
Redux, Node, Git, Bootstrap, WordPress

Programming

Javascript, Java, Python, C, SQL, Unity

Design

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

PROJECTS

Socratic

- Designed and built 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**

EXPERIENCE

Indeed

UX Design Intern

May 2018 - August 2018

San Francisco CA

- Designed 5 user input screens to populate user profile (location, skills, values, types, titles)
- Prototyped screens with Framer (coffeescript), utilizing MapBox's api for location mapping
- User tested Framer prototype on UserTesting.com

Walmart Labs

Software Engineering Intern

Jun 2017 - Aug 2017

Sunnyvale CA

- Designed and implemented an internal web app that allows Walmart engineers to register and authorize 3rd parties to utilize Walmart's API's
- Built with **React, Redux**, and **Joi** on **Electrode** (a **Node.js** platform)

CS 160

Reader

Aug 2018 - Present

Berkeley CA

- Grading assignments, tests, and exams for UC Berkeley's course on user interface design and development

Stowk

Web Design Intern

Oct 2017 - Jan 2018

Berkeley CA

- Redesigned Stowk's web app and website.
- Implemented designs with **HTML, CSS, Javascript**

Berkeley Innovation

BI is Berkeley's student-run Human-Centered Design consultancy

Product Design Consultant - SkyAlert

Jan 2018 - May 2018

- Redesigned SkyAlert's onboarding process, informing users about Earthquakes and how to utilize the mobile app.

Product Design Consultant - Aether

Sep 2017 - Dec 2017

- Designed the interface for Aether's web app that allows process chemists to submit a molecule to for synthesis, visualize the optimized pipeline, and share their projects