CHARLES DAVID OLIVAR

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EDUCATION

University of California, Berkeley
(2015 - 2019)
BA **Computer Science,**
certificate in **Design Innovation**
GPA: 3.6

Coursework: User Experience Design (190),
Human Computer Interaction (160),
Interaction Design (UCSD Coursera),
Front-End Development (Udacity),
Data Structures (61B), Algorithms (170),
Databases (186), A.I. (188)

SKILLS

Web	Software	Design
HTML	Sketch	User Research
CSS	Invision	Prototyping
Javascript	Photoshop	User Testing
JQuery	Illustrator	**Languages**
React	Figma	Java
Redux	Git	Python
Node	Word	C
Hapi	Powerpoint	SQL
Joi		
WordPress		

PROJECTS

Text Editor (Java)
- Bare-bones text editor. Supports arrow-key navigation, word wrap, undo/redo, and saving/opening files.
- Built with the **JavaFX** Library using the **IntelliJ** IDE.

Bear Maps (Java)
- Google-Maps-Inspired routing application. Finds and traces the fastest route between two points using the **A* algorithm**.
- Supports zooming in and out, dragging, and clicking for location selection. Utilized

EXPERIENCE

- **Aether** (Sep 2017 - Dec 2017)
  Product Design Consultant
  - 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
  - Conducted **user-research** to understand user needs, and created **prototypes** in **Invision**, and designed **hi-fi mockups in Figma**

- **Stowk** (Oct 2017 – Present)
  Web Design Intern
  - Redesigning Stowk's web app and website.
  - Using **Sketch** and **Illustrator** for wireframing and mockups.
  - Implementing designs with **HTML**, **CSS**, Javascript

- **Walmart eCommerce** (Jun 2017 - Aug 2017)
  Front-end Engineering Intern
  - Designed and implemented a web app that allows Walmart engineers to register and authorize 3rd parties to utilize Walmart's APIs using **Electrode**
  - Front-end components were developed with **React**, **React Router**, **Redux**, and **Redux-Form**
  - Back End was built on **Node** using **Hapi** and **Joi**

- **CS Honors Society** (Feb 2017 – May 2017)
  Publicity Commitee member
  - Designed fliers, posters, and apparel using **Illustrator**
  - Promoted professional events on social media

- **Klesis Christian Fellowship** (Jan 2016 – Present)
  Publications Commitee Member
  - Designing fliers, apparel, and splash pages for different events and activities using **Photoshop** and **Illustrator**

- **UC Berkeley CS Department** (Jan 2016 – May 2017)
  Academic Intern
  - Assisted instructors in lab for CS61A (Intro to CS) and CS 61B (Data Structures) by: Helping college students understand concepts and think through labs in **Python** and **Java**

- **Facebook Techstart** (Jan 2016 – May 2017)
  Teaching Assistant
  - Assisted a high school teacher teach AP computer science concepts to eighteen high school students in a classroom setting
  - Gave lectures to help students learn and understand Object Oriented Programming through **Java** via CollegeBoard's 'Magpie Chatbot Lab'