
Ethan Burrell

(707) 772-7148
ethanburrell@berkeley.edu
linkedin.com/in/ethanburrell
github.com/ethanburrell
Portfolio: ethanburrell.github.io

Education

UC Berkeley — Pursuing Bachelors of Science in Electrical Engineering and Computer Science

August 2017 - June 2021

Skills

Full Stack Web Design

- HTML5, CSS3, Javascript
- PHP, MySQL
- Node.js, MongoDB

Android App Design

Machine Learning/Data Science
Python, C++, Java
REST API Creation and Use

Relevant Experience

Daily Cal — Web Developer

September 2017 - Present

- Used technologies like React.js, PHP, and MySQL to redesign Daily Cal's (Campus Newspaper) website.
- Collaborated with a small team to push large front and backend updates to the website and infrastructure.

Numericcal — Full Stack Engineering Intern

October 2017 - January 2017

- Designed new website for platform launch for a Machine Learning Startup.
- Incorporated a backend with AWS to manage access to platform and user data.
- Performed data science on performance data to compare performance across devices.
- Created portal for data visualization to display performance of customer's deployed algorithms.

Website Design — Freelance

2014 - 2017

- Founder of small web design company
- Assisted local small businesses with web design, ecommerce, and mailing lists and databases.
- Worked with HTML5, CSS, Javascript, PHP, MySQL, and Node.js.

Best VR Hack and Best Travel Hack — CalHacks, Berkeley

October 2017

- Part of a 4 person hackathon team who designed a product to navigate users around potentially dangerous parts of San Francisco.
- Worked on the routing system (Designing an API) for our web app, also was in charge of making the map render correctly.
- Worked on a MongoDB database to store our large amount of crime information.

Sonoma County Robotics Outreach Program — Founder of Organization

2014 - 2017

- Coached at-risk 4th and 5th grade students to build Lego robots using the Lego EV3 kit.
- Launched robotics programs at 4 schools, collaborated with teachers to continue the class.
- Awarded distinction from the Obama White House for my Community Service work.

App Creation — Cardinal Newman Alerts

August 2016 - June 2017

- Created an app for high school that allows administration to connect with students about events and updates. Developed for Android and iOS.
- Used Node.js to create a backend that would allow app to update its own content.