# ANNIE GIANG

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## EDUCATION

**University of California, Berkeley**                                    May 2014 - May 2018

**Major:** Cognitive Science, Bachelors of Arts

**Coursework:** Computer Science, Algorithms and Data Structures, Modern Web Development, Computational Models of Cognition, Structure and Interpretation of Computer Programs

## PROJECTS

**Mass Email Generator (SaaS)**
- Built a web app using MongoDB, Express, React, and Node (MERN) that allows users to effortlessly create mass email feedback surveys using SendGrid as the email delivery service
- Designed a RESTful backend server using Express and Node.js for routing user requests
- Used Redux Form to manage front-end state of various React components
- Incorporated Passport.js to create a Twitter Oauth authentication feature
- Utilized the Stripe API for handling email credit purchase and user payment and billing
- Integrated MongoDB with Mongoose using the mLab platform to store user information
- Deployed and maintained production and development using the Heroku platform

**Employee Management System**
- Developed a practical system in C++ that organizes employee records such as name, age, experience, and job title and stores them in local file directories
- Utilized file handling features of C++ that allows users to create, store, edit, search, and delete employee information

**Food Recipe Searcher**
- Developed a recipe searching app using ES6 and Node.js that allows users to search and discover food recipes using the Food2Fork API
- Designed project architecture using the MVC model
- Added a local data storage for users to "heart" and save their favorite recipes
- Utilized Webpack to bundle multiple non-code static assets
- Incorporated Babel for multiple-browser useability

**Budget Tracker App**
- Developed a light-weight budget tracker web app using Vanilla Javascript and advanced ES6 concepts that allows users to track monthly income and expenses
- Designed front-end using HTML5 and CSS3

## Skills
- Javascript, C/C++, Java, Python, MERN, Git, SQL