

# VINCENT CHIANG

(510) 320-8483 | [vincentchiang@berkeley.edu](mailto:vincentchiang@berkeley.edu) | <https://github.com/chiangvincent> | <https://www.linkedin.com/in/inventcchiang/>

## EDUCATION

**University of California, Berkeley**

August 2017 - (May 2021)

B.A. Computer Science and Data Science, GPA: 3.8 / 4.0

*Relevant Coursework: Data Structures, Structure and Interpretation of Programs, Linear Algebra, Foundations of Data Science, Discrete Math and Probability\*, Principles and Techniques of Data Science\* (\* currently enrolled)*

## SKILLS

**Programming** | Java, Python, JavaScript, Scheme

**Data Science** | NumPy, Pandas, Stata-13, VB-Script, MySQL Database

**Web** | Flask, HTML/CSS, JavaScript, Bootstrap, jQuery

**Finance + Design** | Quickbooks Pro, Photoshop, Lightroom, Salesforce

## OBJECTIVE

Motivated, full-stack engineer passionate about developing for social good — seeking summer 2019 software engineering internship.

## PROJECTS

**[Hospitality App](#) x Full-Stack Independent Developer**

June 2018 - August 2018

- Python web app that recommends nearby hospitals based on medicare coverage for major procedures
- Used Python/Flask for web framework, MySQL for database, SQLAlchemy for dynamic models and Bootstrap CDN for backend and frontend design. Analyzed, organized, and queried 163,000 rows of hospital data over all 50 states
- HTML/CSS/Javascript for frontend integration with Google Distance Matrix, Geocoding, and Maps APIs

**BearMaps x Back-End Developer**

April 2018

- Used Java to program backend of web app for a map of Berkeley, rastered images to support scroll and zoom
- Parsed XML OSM files, stored data points into graph structures to support fastest route mapping
- Wrote JUnit tests to test raster, text parsing, and graph building methods

**[Splash](#) x Front-End Developer @ San Jose Developer Camp — Most Educational App Award**

November 2017

- Developed game to educate children on water pollution and conservation, mentored by co-creator of Twitter Dom Sagolla
- Built with HTML/CSS, JavaScript, jQuery, Firebase, Node.js, designed and built in under 48 hours.

**[DirectCal](#) x Full-Stack Developer @ CalHacks**

October 2017

- Developed a program using Python that directly creates/adds events to Google Calendar from event flyers
- Used Google Calendar, Cloud Platform, Translate, and Cloud Vision APIs, developed GUI with Tkinter

**Yelp Maps x Back-End Developer**

September 2017

- Created Voronoi diagram of restaurants in Berkeley using the Yelp Academic Dataset, developed with Python
- Built a k-means algorithm to predict user restaurant preferences, modeled restaurant price vs. rating with linear regression

## EXPERIENCE

**Fireflies.ai** | Data/Business Operations Intern

January 2018 - August 2018

- Utilized JavaScript and Google Scripting to clean up sales ops data on Google Sheets pulled from Hubspot
- Took on PM roles: worked with engineering and design teams to streamline Fireflies.ai product to SaaS salespeople
- Wrote SQL queries to extract and process data, create sales funnel visualizations for internal sales team
- SEO optimized blog posts, designed and executed marketing automation stack via Mailchimp and Autopilot

**The Daily Californian** | Finance Manager (*prev. Finance Intern*)

August 2017 - Present

- Manage and train group of Finance Interns on invoicing, fiscal planning and analysis via Salesforce and QuickBooks Pro
- Document and oversee monthly revenue, create production, discount, sales reports via Excel
- Create invoices, enter legal sales orders, bills and checks for customer base of 200+

**Science Internship Program** | Economics Intern

June 2016 - August 2016

- Analyzed daily interest rate data for 19 countries using Stata-13, created data models and visualizations
- Utilized the Bloomberg Vault to extract 20 years' worth of daily exchange rates, compiled data with Excel

## ORGANIZATIONS

**[Computer Science Scholars](#)** | EECS @ UC Berkeley

August 2017 - Present

- Admitted to selective program that provides specialized, individualized sections in core CS classes
- Participate in leadership and academic development programs, network with students and CS faculty

## SOCIAL IMPACT

**Eagle Scout** | Boy Scouts of America

August 2016 - March 2017

- Planned, executed, and led garden redevelopment project at Abode Homeless Shelter, devoted 120+ hrs over course of year
- Built pyramid planters, landscaped garden, planted vegetables, and secured donations from local hardware stores

**Regional: 1st, State: 2nd Winner** | Directing Change

May 2016

- Awarded \$2,000 for our Suicide Outreach/Prevention PSA video for Directing Change Film Festival
- All expenses paid trip to Los Angeles to network, meet, and present to mental health professionals
- Worked with faculty to hold our school's first mental health discussion panels (attended by 1000+ students)