

VINCENT CHIANG

(510) 320-8483 | vincentchiang@berkeley.edu | <https://chiangvincent.github.io/>

EDUCATION

University of California, Berkeley

August 2017 - (May 2021)

B.A. Computer Science, GPA: 3.792 / 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* (* next semester courses)*

Mission San Jose High School

August 2013 - June 2017

GPA: 3.98 / 4.0

Organizations: National Honors Society, Visual Arts and Music for Society, National History Day

SKILLS

Programming | Java, Python, SQL, NumPy, Stata-13, HTML, JavaScript, Scheme, VBScript, Pandas* (* currently learning)

Finance + Design | Quickbooks Pro, Photoshop, Lightroom

EXPERIENCE

Fireflies.ai | Data/Business Operations Intern

January 2018 - August 2018

- Used Google Scripting (JavaScript) to clean up sales ops data on Google Sheets pulled from Hubspot
- Wrote SQL queries to extract and process data, create sales funnel visualizations
- SEO optimized blog posts, designed and executed marketing automation stack via Mailchimp

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

August 2017 - Present

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

PROJECTS

Hospitality App x 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, respectively
- HTML/CSS/Javascript for frontend integration with Google Distance Matrix, Geocoding, and Maps APIs

BearMaps

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 San Jose Developer Camp

November 2018

- Developed an animated game to educate children on water pollution and conservation, built in under 48 hrs.
- Built with HTML/CSS, JavaScript, jQuery, Firebase, Node.js, won "Most Educational" Award

DirectCal x 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

ORGANIZATIONS

Computer Science Scholars

August 2017 - Present

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

Boy Scouts of America | Eagle Scout

March 2017

- Planned, executed, and led garden redevelopment project at Abode Homeless Shelter
- Built pyramid planters, landscaped garden, planted vegetables, and secured donations from local stores