VINCENT CHIANG

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EDUCATION

University of California, Berkeley August 2017 - (May 2021)

B.A. Computer Science, GPA: 3.79 / 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

Finance + Design | Quickbooks Pro, Photoshop, Lightroom

EXPERIENCE

Fireflies.ai | Data Analysis & Business Operations Intern January 2018 - Present

- Google Scripting (JavaScript) to clean up sales ops data on Google Sheets pulled from Hubspot
- utilize SQL queries to extract and process data, create sales funnel visualizations
- SEO optimize blog posts, design and execute marketing automation stack via Mailchimp

The Daily Californian | Finance Intern August 2018 - Present

- 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 150+

Science Internship Program | Data Analysis 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

BearMaps April 2018

- Implemented backend of a web map server, rastered images to support scrolling and zooming using Java
- Parsed XML OSM files and stored data points into graph structures to support fastest route mapping
- Wrote JUnit tests to test raster, text parsing, and graph building methods

SeamCarver April 2018

- Built a Java program to liquid rescale images using the seam carving technique (content-aware resizing)
- Calculated pixel energies and found horizontal and vertical pixel seams to re-stitch for each picture

Scheme Interpreter November 2017

- Built an interpreter for a subset of the Scheme language using Python
- Implemented functions to parse symbols passed in, carry out primitive operations like function calls, variable assignment, and conditional statements

DirectCal 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
- Devoted 120+ hours to planning and execution of the project