

Curtis Wong

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SKILLS

- **Skills:** Python, Java, JavaScript, SQL, HTML, CSS, Git, Figma, R, Scheme
- **Technologies:** React, Mongoose, MongoDB, Express, Node.js, REST API, Pandas, NumPy, Matplotlib, LaTeX, Amazon Web Services (AWS)

EDUCATION

University of California, Berkeley – Berkeley, CA

Expected Graduation: Spring 2023

Bachelor of Arts in Data Science and Economics (Certificate of Entrepreneurship and Technology)

- **Coursework:** Data Structures & Algorithms, Data Science, Probability for Data Science, Web Development, Linear Algebra, Statistics, Econometrics, Calculus 2, Microeconomic Analysis, Macroeconomics

PROJECTS

Gitlet – Mini Version Control System (Java)

November 2021 – January 2022

- Created a version control system similar to Git using Java to mimic its basic features including local commands such as add, commit, checkout, branch and commit operations such as merge

COVID-19 Dataset – Exploratory Data Analysis (Python, Pandas)

November 2021 – December 2021

- Incorporated pandas (python data analysis library) via UC Berkeley's Jupyter Datahub to reshape, manipulate, and clean messy data into a coherent and well-structured data frame
- Analyzed raw COVID-19 dataset including metadata by utilizing supervised and unsupervised learning to model and predict COVID-19 mortality rates via past and present vaccination rates

Jumping Cubes – Dice Driven Strategy Board Game (Java)

October 2021 - November 2021

- Utilized Java to create a competitive 2-player strategy game on a 6x6 board involving no element of chance
- Coded simple artificial intelligence logic to include alpha-beta pruning and minimax algorithms to determine optimal moves

Object-Oriented Tower Defense – Ants vs. Bees (Python)

July 2021 - July 2021

- Designed an action game combining functional and object-oriented programming to showcase the usefulness of class objects; players are represented as the queen ant, sending various ants to combat invading bees

LEADERSHIP

Director of Finance, Business Transfer Network | Berkeley, CA

January 2021 – July 2021

- Manage supply of inventory through tracking stock, placing orders, and verifying receipts
- Allocated membership dues and redistributed club finances to provide various programs and services for members and oversaw club communications and outreach strategy to seek out sponsorships
- Calculated participation and attendance of 75+ members for the BTN Membership Recognition Program

VP of Finance, Alpha Beta Gamma Business Honors Society | San Francisco, CA

August 2019 – May 2020

- Managed organization fees and partnered with on-campus vendors to increase profit to reach funding goals
- Increased club funding by 35% by spearheading fundraisers and go-to-market strategy utilizing MailChimp
- Collaborated with cross-functional teams to arrange professional development events for 72+ attendees

INTEREST

- Cooking, Fitness, Basketball, Programming, Building, Gaming, Hiking, Personal Finance, Traveling