Charles Wu

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EDUCATION

Drexel University   **Philadelphia, PA**
Bachelor of Science in Computer Science, Minor in Mathematics   **Anticipated Graduation: June 2026**

SKILLS

Programming Languages: Python, Racket, JavaScript, SQL, Next, React, HTML/CSS
Foreign Language: Fluent Portuguese, Conversational Cantonese

PROJECTS

Expense Tracker
- Programmed a script that allows users to insert, store, and display their daily expenses to facilitate budgeting
- Processed more than 400 data entries utilizing an SQL database for more efficiency
- Implemented 5 different ways of displaying the data to facilitate analysis

Message Streaks Counter
- Created a bot that keeps track of message consistency on a Discord chat with more than 50 members
- Achieved an optimized data storage solution using a hash table to efficiently track and retrieve individual user's current and highest streak

To-do List
- Developed a webpage that allows the user to add and view tasks
- Designed the user interface (UI) for the To-Do list using Tailwind CSS
- Integrated Cloud Firestore to manage user's tasks

EXPERIENCE

LUSO PRESENTES   **Sao Paulo, Brazil**
E-commerce Manager   *March 2021 – July 2021*
- Established and Organized an online store to sell over 20 products utilizing Shopify
- Administered business Instagram account with over 1000 followers to advertise the website

KUNG FU TEA   **Philadelphia, PA**
Cook   *February 2022 – April 2022*
- Managed time to prepare food orders, ensure ingredients availability, and wash dishes
- Forecasted how many ingredients should be prepared for over 400 orders a day

UNIVERSITY OF PENNSYLVANIA   **Philadelphia, PA**
Housekeeping Facility Operations Analysis Co-op   *April 2023 – September 2023*
- Programmed algorithms to enhance data processing and analysis workflows within Excel sheets
- Conducted data quality checks ensuring integrity across large datasets of over 1000 data entries

EXTRACURRICULAR ACTIVITIES

Society of Asians Scientists and Engineers   **Philadelphia, PA**
Marketing Chair   *October 2022 – June 2023*
Marketing Director   *June 2023 – Present*
- Led 4 event planning teams, overlooking 3-5 people on each team
- Designed graphics to promote events on Social Media to an average of 500 people
- Developed an efficient program to create posting schedules for 15 members and converted them to Slack commands

RELEVANT COURSEWORK

Computer Programming I, II   *Introduction to Software Engineering*   *Discrete Mathematics*   *Multivariate Calculus*