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, 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
- Managed more than 400 data entries utilizing a SQL database for more efficiency
- Implemented 5 different ways of displaying the data to facilitate analysis

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

Tic-tac-toe
- Programmed a webpage with JavaScript that displays a Tic-tac-toe game and displays the winner

EXPERIENCE

LUSO PRESENTES   **Sao Paulo, Brazil**
E-commerce Manager   *March – July 2021*
- Created and designed 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 – 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 – Present*
- 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 16*
Marketing Director   *June 16 – Present*
- Led 3 event planning teams, overlooking 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   *Math Foundations of Comp. Sci.*   *Discrete Mathematics*   *Multivariate Calculus*