

Charles Wu

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EDUCATION

Drexel University
Bachelor of Science in Computer Science, Minor in Mathematics

Philadelphia, PA
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 user to insert, store, and display their daily expenses to facilitate budgeting
- Managed the data utilizing a SQL database for more efficiency
- Organized how the data is displayed by weekly, monthly or by categories to facilitate the analysis of the data

Message Streaks Counter

- Programmed a bot that counts how many days in a row the users texted on a discord chat to track who texts consistently
- Used a hash table to store each user's current and highest streak to efficiently store and read saved data
- Implemented with discord.py API

Tic-tac-toe

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

EXPERIENCE

LUSO PRESENTES

E-commerce Manager

- Created and designed an online store utilizing Shopify
- Administered business Instagram account to advertise the website
- Integrated check out and shipping through Shopify's apps to facilitate user's experience

Sao Paulo, Brazil
March – July 2021

KUNG FU TEA

Cook

- Managed time to prepare food orders, prepare ingredients for the drinks and the kitchen, and wash dishes
- Assisted other areas of the restaurant when needed
- Planned how much of ingredient should be prepared according to the number of customers on the day

Philadelphia, PA
February – April 2022

UNIVERSITY OF PENNSYLVANIA

Housekeeping Facility Operations Analysis Co-op

- Programmed algorithms to enhance data processing and analysis workflows within Excel sheets
- Conducted data quality checks ensuring integrity across large datasets

Philadelphia, PA
April 2023 – Present

EXTRACURRICULAR ACTIVITIES

Society of Asians Scientists and Engineers

Marketing Chair

- Planned and executed events run by the organization
- Designed graphics to raise awareness about the events
- Developer an efficient program to create posting schedules and create Slack commands

Philadelphia, PA
October 2022 – Present

RELEVANT COURSEWORKS

Computer Programming I, II Math Foundations of Comp. Sci. Discrete Mathematics Multivariate Calculus