

# 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
- Developed 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*