Charles Yu Wu

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EDUCATION

Drexel University   **Philadelphia, PA**
Bachelor of Science in Computer Science, Minor in Mathematics   Anticipated Graduation: *June 2026*
Relevant Coursework: Computer Programming, Introduction to Software Engineering, Advanced Prog. Tools & Techniques, Discrete Mathematics, Multivariate Calculus

PERSONAL PROJECTS

To-do List   *July 2023 – August 2023*
- Developed a webpage that allows the user to organize responsibilities in a checklist format
- Designed the user interface (UI) for the To-Do list using Tailwind CSS to enhance the user experience
- Incorporated Cloud Firestore for the storage of users' tasks

Expense Tracker   *July 2022 – August 2022*
- 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 Streak Counter   *June 2022 – July 2022*
- Coded a bot to monitor message consistency within a discord chat comprising over 50 members
- Achieved a data storage solution using a hash table to track and retrieve individual user's current and highest streak
- Implemented Discord API integration, enhancing communication and interaction features within the application

EXPERIENCE

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
- Arranged an employee recognition form for 500 employees with an automated email notification, enabling an efficient collection process

KUNG FU TEA   **Philadelphia, PA**
Cook   *February 2022 – April 2022*
- Addressed and resolved operational challenges in a fast-paced food environment to ensure customer satisfaction
- Managed time to prepare food orders, ensure ingredients availability, and wash dishes
- Forecasted and prepared the number of ingredients for over 400 orders a day

LUSO PRESENTES   **São Paulo, Brazil**
E-commerce Manager   *March 2021 – July 2021*
- Established an online store to sell over 20 products utilizing Shopify
- Administered business Instagram account with over 1,000 followers to advertise the website
- Tailored the website layout, themes, and styles to reflect and mirror the brand's identity

LEADERSHIP EXPERIENCE

Society of Asians Scientists and Engineers   **Philadelphia, PA**
Marketing Director, Marketing Chair   *October 2022- Present*
- Collaborated with 4 event planning teams promoting the inclusivity of the Asian student body of over 300 students
- Designed visual graphics for event promotion on social media platforms, reaching an average of 500 students
- Created an efficient application to create posting schedules for 15 members and generate Slack commands to remind each member

SKILLS & CERTIFICATIONS

Certifications: Colégio Etapa's Entrepreneurship & Finance
Programming Languages: Python, Racket, JavaScript, SQL, Next, React, HTML/CSS
Foreign Languages: Fluent Portuguese, Conversational Cantonese

HONORS & AWARDS

2020 Gold Medal - Brazilian Astronomy & Astronautics Olympiad   *Nov 2020*
2020 Bronze Honor - International Astronomy and Astrophysics Competition   *July 2020*
2019 São Paulo's Silver Medal - Brazilian Geography Olympiad   *September 2019*