

Aaron Cheng

 ChengAaron |  Aaron Cheng |  cheng.aaron@proton.me |  Website

SKILLS

Software	Microsoft Office (Word, Publisher, Excel, PowerPoint, Access) Google Workspace (Sheets, Docs, Slides) Misc (Arch Linux, Windows, Figma, Git)
Programming	Java, Python, JavaScript, Dart, MATLAB, SQL
Frameworks	Flutter, Flask, Tailwind
Libraries	React.js, pandas, Matplotlib

EDUCATION

Bachelor of Arts, Information Technology at **York University**

2022 - present

Relevant Courses Taken: Introduction to Data Science, Applied Data Communications and Networks, Using and Designing Database Systems, Systems Analysis and Design, IT Project Management, IT Risk Management

PROJECTS

Rice Analysis

- Spearheaded team research project utilizing **MATLAB** to analyze data from scientific data sets on the Cammeo and Osmancik rice species
- Developed code to clean and transform dataset of over 3000 data points, increasing accuracy of analysis by removing outliers and incomplete data points
- Performed A/B tests on variables to verify findings and correlations

NYC Business Project

- Led team research project analyzing NYC demographic data of over 300,000 unique data points
- Cleaned and transformed NYC economic datasets using **pandas** and other data visualization techniques for analysis in graphical form

Morse

- Won hardware category prize at Surfs Up Hacks 2021 out of over 75 teams developing an app allowing for input in Morse code
- Designed custom input device utilizing **Raspberry PI** and implemented WebSockets to connect server with front end

Pype

- Utilized **Python** to create an interpreted programming language as project entry for Ctrl+Hack+Del at York University
- Developed language parser and methods, allowing for demonstration and use through front-end **Flask** terminal

EXPERIENCE

Nike, Back of House Associate

2024 - 2025

- Prepared product and stock shipments in a quick and efficient manner within a team environment, ensuring a clean and organized work area in back of house