

Aaron Cheng

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

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

PROJECTS

Rice Analysis

- Spearheaded a 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
- 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

Pytype

- 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

SKILLS

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