

# Aaron Cheng

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

## EDUCATION

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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

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### 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

### NYC Business Project

- Led team research project analyzing demographic data over
- 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

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**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

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