

# Matteo Pulcini

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## EDUCATION

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**B.Eng, Software Engineering**, York University, 2024

GPA: A

### Relevant Courses:

**ENG 2003:** Agile Project Management & Economics

**EECS 2030:** Advanced Object-Oriented Programming

**EECS 2011(In-Progress):** Fundamentals of Data Structures

**EECS 3421(In-Progress) :** Relational databases

## WORK EXPERIENCE

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### Tutor

Current

Hatch Coding | Remote

- **Tutoring** students OOP in languages **Javascript** and **Python**.
- **Continuously learning** new frameworks and concepts to meet students' needs.
- Independently organized creative weekly formal/informal presentations for each student.

### Orientation Week Executive

July 2021 – September 2021

Lassonde School of Engineering | 204 Bergeron Centre, North York, ON M3J 2S5

- **Organized and managed** a team of 5 leaders for a week of on-campus activities.
- Participated in training to learn about how to **handle problems** and how to encourage a safe and inclusive environment.

### Research Assistant:

May 2020 – April 2021

York University | 4700 Keele St, Toronto, ON M3J 1P3

- Reviewed, documented, and filtered data in Excel where the results were presented to my supervisor.

## SKILLS

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**Programming Languages:** **Java**, JavaScript, SQL, Python, C

**Other:** Git/Github, JUnit, Docker, Microsoft Office

### Programming Projects:

Database: Created **SQL** queries to answer questions about a database of movies based on edX assignment. Project Assignment: <https://cs50.harvard.edu/college/2019/fall/psets/7/movies/>

Chat Application: Developed a website game created with an online chat application to allow clients to communicate with each other via a server in **Javascript**.

File Decrypter: Decrypts a text file with packets of encrypted data sent in real time in **Java**.

Webblocker: Blocks listed websites during school hours using a computer's hosts' file in **Python**

**Competitions:** Junior Design Competition, UNHACK- Hackathon, York Engineering Society

Programming Competition.