

Ryan Chwiecko

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Education

Western University: H.B.Sc Computer Science & Software Engineering

London, On

July 2026

- GPA 4.0
- Recipient of Scholarship of Admission.
- Relevant Course Work: Java, C, Python, Discrete mathematics, Digital Logic, Data Structures, OOP, Statistics Calculus, Linear Algebra, MS Access, Computer Architecture, Cryptography.

Technical Skills: Customer Service, Python + Python SciKit Learn, Java, CSS, TypeScript, Git, Blockchain applications, Encryption Algorithms, Software Development, Project Organization, MongoDB, Flask, Machine Learning, Node.js, React

Experience

PredictifyPro

London, On

Co-Founder/Full-stack Developer

October 2023 – Present

- Spearheaded the development of **front-end architecture** and user interfaces utilizing **HTML, CSS, and Typescript**.
- Collaborated with cross-functional teams to link front-end design with backend functionalities utilizing **Git**.
- Co-led the development of a complex **machine learning algorithm** that will predict housing prices with the help of the **SciKit Learn Python library**.
- Designed a secure API in **Python** responsible for querying and storing user information in **MongoDB**, while ensuring effective **encryption algorithms** protected sensitive user information.

Edumasters

London, On

Math and Computer Science tutor

August 2023 – Present

- Tutored students on various mathematical subjects such as **Calculus** and some fundamental **Linear Algebra** concepts, elevating the student's knowledge and confidence in those subjects.
- Educated students on the **Java** programming language with an emphasis on **Object Oriented Programming** and intermediate Python enhancing **problem solving skills** and critical thinking in the students.

Costco Wholesale

London, On

Night Merchandising/Forklift Operator

July 2021 – Present

- Served as a Certified Lift Operator, requiring me to demonstrate above average responsibility.
- Provided outgoing **customer service**, assisting members with various inquiries enhancing their experience at the location.

Interests & Activities

ETH-Global

New York

Hacker

September 2023

- Collaborated in a team of developers in a hackathon to conceptualize and create a decentralized social media application.
- Led the development of the applications API that utilized robust **blockchain technology** to protect sensitive user information that will be transferred across networks and stored.
- Presented and demonstrated the primary features of our application to judges.

Interests: Deep interest in the innovative potential of Web 3.0, mainly the implementation and use of blockchain technologies and the idea of a decentralized online world. As well as an interest in the development of complex API's, encryption algorithms and cyber security, particularly penetration testing and responding to cyber-attacks.