

Eric Chu

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PROFILE

I am a passionate, adaptable and determined third year computer science student at Carleton University. I am an extremely quick learner and my strengths would be my excellent communication skills, detail-oriented outlook and eagerness to learn. I am open to work 4 months in the winter term of 2026 & the winter + summer term of 2027.

EDUCATION

Carleton University

Ottawa, ON

BSc in Computer Science Honours, AI & Machine Learning Stream

Minor in Statistics — Current GPA: 11.5/12

Sep 2023 – May 2028

TECHNICAL SKILLS

Languages: Java, C, C++, Python, JavaScript, HTML, CSS, SQL, NodeJS, Ruby, C#

Developer Tools: Git, Visual Studio, VS Code, Next.js, React, Linux, Kubernetes, Docker, Confluence, Jenkins

WORK EXPERIENCE

Incoming Software Engineer Intern

May 2026 – Aug 2026

Roblox

San Mateo, California, USA

Software Developer Co-op

Sept 2025 – Dec 2025

JSI Telecom

Ottawa, Ontario, Canada

- Migrated entire codebase from TFS to Github + resolved **Jenkins** deployment bugs in **33 repos** for seamless transition
- Participated in daily standups, Q4 planning, sprint reflections and sprint planning in order to work in an **Agile** manner
- Independently researched, tested and fixed over **12 bugs** end to end involving **RESTful API** calls and updating legacy documentation

AI Trainer & Analyst

May 2025 – August 2025

Data Annotation

Remote

- Reviewed AI answers to various programming prompts from fixing bugs to full solutions to improve responses
- Researched deeply across a wide variety of technologies such as GDScript in order to adequately analyze prompts
- Identified key errors and issues as well as where they began in AI conversations such as hallucinations and comprehension

PROJECTS & RELEVANT COURSE WORK

Dialogue Compiler + Editor | Python, Tkinter

May 2025

- Created parser to assemble plain text + tags into a **JSON** object for easy rendering of dialogue in games
- Line numbering was made from scratch by appending/popping numbers when lines are edited
- Text editor can open files, create new dialogue files as well as compile

Support Ottawa | Gadget, React, Typescript, Tailwind CSS

March 2025

- Won **1st Place** for the Carleton Impact Challenge at the cuHacking 6 hackathon
- Implemented Gemini API for smart routing and distribution of community members with personal concerns in mind
- Used **React** framework with **Typescript** within gadget to create page routing and Tailwind for page design
- Completed project from conceiving the idea to finishing marketing materials within **36 hours**

Spending Tracker | Java

May 2023 – June 2023

- Encrypted user data with bit shifting according to the selected passphrase for security
- Designed entire application implementing **OOP** principles for modularization and easy serialization.
- Analyzes data to give user a detailed report of spending across a span of time
- Constructed entire GUI from scratch using **Swing**