





Edmond Li

 [EdmondLi1](#) |  [Edmond-Li](#) |  edmond.li@uwaterloo.ca |  [edmond-li.com](#)

SKILLS

Languages Python, C/C++, Java, JavaScript, TypeScript, HTML/CSS, SQL, PostgreSQL
Frameworks React, Nest, Express, .NET, Redux, TailwindCSS, Flask, Keras, PyTorch, OpenCV
Technologies Git, Azure, AWS, Docker, Linux, NumPy, Pandas, Firebase, Google Cloud

EDUCATION

University of Waterloo – Honours Bachelor of Computer Science Sep 2022 – Present
Digital Hardware Specialization, Artificial Intelligence Specialization, and Pure Mathematics Minor
• 4x Term Distinction, Charles Trapp Scholarship, President's Scholarship of Distinction


EXPERIENCE


Software Engineer Intern May 2024 – Present *Remote*
Gryd | Nest, React, React Native, .NET, Azure, MS SQL, PostgreSQL
• Migrated fullstack codebase to a modernized framework leading to a **400%** reduction in annual OER on cloud services
• Reformed existing ERD, leading to **40%** size reduction, and queries optimization leading to **400%** query performance
• Implemented a 2 layered CNN for client data sanitization and data categorization, decreasing onboarding workflow time by over **500%**

Software Engineer Intern Sep 2023 – Jan 2024 *Waterloo, Canada*
Chatsimple | React, Flask, Redux, Express, AWS, Docker, PostgreSQL
• Introduced frontend responsiveness, optimized UI, and refactored legacy frontend driving a **250%** increase in MAU and **35%** decrease in churn rate.
• Implemented Retrieval-Augmented Generation (RAG) aided with few-shot prompted to generate leads and capture visitor information, increasing lead conversion rates by **40%** and enhancing data accuracy for business users
• Engineered a proxy microservice infrasture to manage sessions and connect chatbots to Meta communication platforms
• Investigated KPIs with custom query scripts, integrated new email templates in Sandgrind which spearheaded marketing strategies, achieving a **300%** increase in MMR

Contract Tutor Jan 2023 – May 2024 *Remote*
Tutorax
• Enhanced communication abilities through clear, concise explanations of topics on Calculus, Linear Algebra, and Statistics

PROJECTS

BusBuddy  | Flask, React, Firebase, PostgreSQL, OpenCV Jan 2024
• Developed a fullstack app with computer vision used to track busses, ensure safety, and combating cases of children going astray
• Integrated real-time deep learning facial recognition AI to identify and track passengers trained with **2000+** datapoints, resulting in **94.5%** accuracy

OPTimism  | Flask, React, OpenAI API, Arduino, Google Cloud, Docker Aug 2023
• Developed smart glasses POC to reduce myopia through gamified eye habits, with a fullstack app and microcontroller for real-time feedback
• Utilized multi-layered machine learning network to create a chatbot delivering research-backed eye health advice inferred from user data
• Gained over **3000+** visits over the first month of launch, whilst receiving investor offer from MiraclePlus (YC China)

EXTRACURRICULAR

VP Events and Internal Affairs – UW Google Student Developer Club Jan 2024 – Present
• Spearheaded panels with tech leaders such as NeetCode; hosting the biggest anticipated event with **300+** members

UW Computer Science Club – Chatbot Developer Jan 2024 – Present
• Maintain UW CSC's bot for **1000+** active users with **Typescript**, **Docker**, **Sapphire Framework**, and **Discord.js**

Full Stack Developer, Events Organizer – Tech+ UW Jan 2024 – Present
• Established a mentorship portal app, promoting DEI and connecting underrepresented communities towards a tech career
• Hosted workshops with **200+** attendees; aimed to create opportunities for underrepresented communities in tech