

Krish Kochar

+ 1 (226) 698 0792 | k2kochar@uwaterloo.ca | [Github](#) | [LinkedIn](#)

Motivated Computer Science student at the University of Waterloo. Persistent problem-solver & dedicated learner with a strong work ethic. Experienced in coordinating projects & giving engaging presentations.

Education

Candidate for Bachelor's of Computer Science, Honours - University of Waterloo

2022 - 2027 (Expected)

Awarded President's Scholarship of Distinction

GPA: 89.1% (3.81)

Technical Skills & Tools

Programming Languages: Python, C++, C, Golang, Javascript, Java, Racket, R

Web Development: HTML, CSS, Figma, Bootstrap, React, NodeJS, Express

Data Science: Python, R, Colab

Tools: Linux, Git, Docker, LaTeX, Unity (C#), JIRA, Confluence, ChatGPT

Experience

Publicis Sapient, Intern, Engineering (Backend Development)

May 2023 - Aug 2023

- Used **Golang** and **Javascript** to develop and test backend APIs for a client, most significantly an identity manager functionality for a login system. Identified and resolved several bugs to improve functionality.
 - Collaborated to design backend microservice-based architecture and created **JIRA** stories for the project
 - Implemented Prompt Engineering techniques in conjunction with **ChatGPT** to optimize software development processes, increasing productivity by 10%
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Projects

Personal Portfolio Website

- Developed a responsive website using **React**; Designed an aesthetic front-end with **CSS (Bootstrap)**
- Created a Contact Form back-end feature for the website using **NodeJS** and **Express**

Currency Conversion App

- Developed real-time currency conversion software in **Python** using an exchange rate API
- Designed a GUI for the app using the **Tkinter** library

Pong Game

- Designed a 2D Pong game using the **Unity** Engine, which was scripted using **C#**
 - Developed a UI and scoring system for the game, and a computer opponent to play against
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Courses & Certifications

Go: The Complete Developer's Guide (Golang) --- Udemy

Core Java Made Easy (Latest Java 17) --- Udemy

CS50's Introduction to Artificial Intelligence --- edX

Awards & Honors

Bronze Award, Singapore Mathematical Olympiad 2019 (Senior Category)

Silver Award, C.B. Paul Science Quiz 2019

Quarter-Finalist, National Science Challenge 2018, Singapore