Bilal **Chaudhry**

SOFTWARE ENGINEER · STUDENT

2 Maricona Way Ottawa, Ontario, K2T 1H1

(+1) 613-859-0918 | Bilalbc@gmail.com | bilalbc.github.io/Bilal-Chaudhry/ | Bilalbc | bilalb-chaudhry/

Summary

3rd Year Software Engineering Student at Carleton University. Great communications skills and highly self-motivated, taking on several personal projects to further knowledge of WebDev, REST API, MySQL and NLP. Highly experienced in Java development, with several projects completed and available to view on my GitHub. Participated in events such as UOtta Hack 4. Completed courses such as Python Data Structures and Algorithms and OOP in Java, and presently enrolled in Real-Time Systems and Operating Systems. I have also been approved a SECRET level security clearance. Available to work a 4, 8 or 12 month CO-OP term starting January 2022. Expected to graduate in 2024.

Skills

Development	Python, Java OOP, Java, JS (ES6), HTML5, CSS3, MySQL, C, GO, REST API
Libraries & Frameworks	JUnit, Node.js, Flask, BootStrap 5, NLP
Tools & Workspaces	Git/Github, Windows, Linux, VSC, MS Teams, Excel
Understanding of	Microservices, Docker, Kubernetes, Azure, Agile, DevOps

Experience

Google Chrome Extension
Ottawa

PERSONAL PROJECT
September 2021 - Present

- Developed a Google Chrome extension using a backend REST API and Youtube Transcript API to create and summarize the transcript for a youtube video.
- Used HTTP requests to communicate between browser and back end API to receive video information and return the summarized transcript.
- Perform NLP using HuggingFace Transformers and T5 pretrained model, as well as performing additional fine-tuning and training using PyTorch HuggingFace transformer library to optimize for summarization.

Personal Website
Ottawa

PERSONAL PROJECT
July 2021 - Present

- Pursued personal passion in developing front-end for personal resume website using HTML, CSS, JS and Bootstrap v5.0.
- Used Git/Github throughout the entire development process to update progress and manage different stages of development.
- Created a dynamic experience for users, integrating effects and dynamic resizing using media queries.

StockMarket Analysis
Nortec Corporation

TEAM LEADER
September 2018- December 2018

- Developed a stock market analysis program with a partner developer, using Java and JFreeCharts framework, to create an application that provides accurate stock data and predictions.
- Used YahooFinance API to gather real-time stock market prices and Gmail API to provide daily reports with stock fluctuations and buy/sell signals.
- Extensive planning and commitment to the waterfall model throughout the product's development process increased overall team efficiency and the quality of the finalized program
- Consistently completed requirement and progress documents.
- Provided frequent presentations to the client to showcase progress, and remodel requirements based on feedback.

Royal Canadian Navy Reserves
HMCS Carleton, Ottawa, Ontario

NAVAL COMBAT INFORMATION OPERATOR
May 2018 - Present

- Participated in many operational exercises designed to train and teach members leadership fundamentals and effective measures for collaborative work.
- Received instructions from a superior and planned work priorities and resources to complete a given task or train a group of recruits.
- Lead and give clear, logical and precise instructions to a group of recruits in order to effectively prepare them for future training exercises.
- Provided frequent briefings and presentations to cohorts of recruits trianing proceedings.

Education

Carleton University
Ottawa, Canada

B.S. IN SOFTWARE ENGINEERING
Sept 2019 - Present

- Third Year Standing, 11.2/12 GPA (A)
- 2019 President's Scholarship, 2020 Henry Marshall Tory Scholarship, 2021 CJ Mackenzie Scholarship
- Dean's Honor List 2020/2021
- Golden Key Honor Society