Ali Umar

✉ aumar3@my.yorku.ca
🌐 www.aliumar.dev
in www.linkedin.com/in/aliumartech/
○ www.github.com/ArmyaAli

Objective

Motivated computer science student seeking a summer co-op position as a software developer. Seeking an entry level position in order to learn industry standard software development practices, system design and to enhance my problem-solving skills.

Education

- York University – BSc, Computer Science (Sept 2021–Sept 2023)
- Seneca College – Diploma, Computer Engineering Technology (Sept 2018-2021)

Relevant Work Experience

Software Developer CO-OP
Ministry of Government & Consumer Services (Jan 2020–Aug 2020)
- Day to day: Attending meetings, reading documentation, incorporating features into the front-end codebase such as: [filtering, searching, retrieving data], bug fixing, refactoring, Shell scripting/PowerShell
- Worked with a team of four to deliver features on an existing internal data driven dashboard written in Angular with a .NET backend
- Worked with a team of four to deliver a new data driven dashboard written in Angular with Elasticsearch as the backend

Technical Skills

- Foundational Knowledge: General programming concepts, Data Structures & Algorithm applications, Relational database design, Client/Server, OSI/TCP model, System design
- Familiar with C, C++, Python, JavaScript/TypeScript, Java, C#
- Familiar with Angular, React, Express, .NET, Flask
- Familiar with Git, Various relational database solutions [MSSQL, Oracle SQL, SQLite], Cloud solutions (Azure, AWS), shell, basic Makefiles

Assets/Certifications

- AZ-900: Microsoft Azure Fundamentals

Projects

- Particle engine
- Squirrel Glider game
- Discord bot

Interests

- Signal processing
- Systems programming
- Video game design & programming
- Operating systems