

Ali Umar



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Objective

3rd Year Computer Engineering Technology student on track to graduate seeking full-time employment as a Junior Software Developer. Seeking an entry level position in order to learn industry standard software design practices, DevOps, and to further my overall skillset in this ever-changing world of tech.

Education

- Seneca College – Computer Engineering Technology (September 2018 – Present) with 3.7/4.0 GPA
Toronto, ON
- UofT Scarborough – Computer Science (Sep 2016 – Jan 2018)
Toronto, ON
Relevant courses include: Intro to CS I & CS II (Python), Discrete Mathematics, Linear Algebra

Work Experience

Ministry of Government & Consumer Services (Jan 2020 – August 2020) - Software Developer CO-OP

- Core technologies used and learned: Angular, HTML+CSS, TypeScript/JS, RxJS.
Exposure to Azure DevOps for CI/CD, Asynchronous code & Data Streams with RxJS, Elasticsearch (Part of ELK stack, played around with this for my last 2 months)
- Understanding documentation and API reference guides in order to learn new technology
- Front-end features such as adding web templating and styling
- Worked on a SPA using Angular adding features such as: search functionality, filtering, web workers
- Calling REST APIs to communicate between systems
- Fixing bugs and optimizing code
- Adhere to coding style guides to keep code organization and maintain best practices
- Adding to documentation to ensure an optimal transition for easier onboarding for the project
- Mentoring newer interns improved my communication skillset
- Attending meetings to learn more about the project, share progress and ask for help with needed

G4S Canada (Jan 2018 – May 2019) – Security Guard

- Ensured the safety and security of the residents at the site while maintaining excellent customer service skills
- Documented daily tasks alongside formal incident reports with transparency and precision in order to ensure proper documentation in case of litigation
- Created bookings/appointments ensuring organization of the of the facilities/amenities
- Issued parking tickets under MLEO license to ensure the rules and regulation that the client has set are met
- De-escalation & Conflict resolution
- Emergency response after hours in order to ensure safety at all times on behalf of the client

Technical Skills

- Foundational Knowledge: General programming concepts, Data Structures & Algorithms applications, Strong OOP concepts, procedural programming, ability to read documentation to teach myself various technologies, Networking concepts: Client/Server, OSI model, load balancing etc, Worked with a lot of REST APIs
- Programming languages: C, C++, JavaScript/TypeScript, C# w .NET framework, Visual C# w .NET using Windows Forms Designer, Python
- Frameworks/Libraries: Angular, RxJS, NodeJS, ASP.NET (Don't have much experience with this but want to learn)
- Various technologies: Git, Exposure to Azure DevOps, PostMan for API testing, basic scripting (want to improve my skills here), Briefly worked with Elasticsearch to connect angular front end to the REST API based Backend as a Service.

Assets

- Drivers License

Interests

- Software design patterns
- Systems programming
- Rust Lang
- Raspberry PI
- Video game design & programming
- Serialization
- Assembly Language & C Programming for IoT Applications
- Real time data transmission, web sockets etc