
SUMMARY

Computer Engineering graduate with 5 years of experience in programming. Jr. Systems Analyst adept in analyzing and designing IT solutions and specializing in applying technical expertise to develop solutions to current business processes.

COMPUTER SKILLS

Languages

- Proficient with: C, C++, Python, SQL, System Verilog/Verilog
- Familiar with: Arduino, Bash, CSS, HTML, Java, MATLAB, PowerShell, Service Now, Web Sockets

Software

- Database: SQL Server Management and Microsoft Access
 - Platforms: Macintosh, Linux, and Windows 7/10
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PROFESSIONAL EXPERIENCE

Junior Systems Analyst

Feb 2021 – Present.

Provincial Health Services Authority

- Impact analyses and development of SQL queries to triage users with database connection issues.
- Developed a workflow for users who use ImmsBC, which resulted in fewer errors in access and data management.
- Supported system upgrades for ImmsBC by logging and remediating issues onsite.
- Created a location SQL query to determine if the users are pinging their general location to the database.
- Initiated workflow to enable data hotspot for specific active directory groups in Procura Mobile.

Junior Analyst

Jan 2020 – Feb 2021

Provincial Health Services Authority

- Automated the selection process of mobile devices using PowerShell.
- Resolved network issues by re-applying certificates and preparing Procura on devices.
- Onsite support for system go lives/activations.

Aquatic Leader

Jan 2014 – Present.

City of Burnaby

- Planned and conducted seasonal staff training to maintain safety standards.
 - Managed the operations and safety of select pools throughout the City of Burnaby.
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PROJECT EXPERIENCE

Capstone Design Project

Sept 2019 – May 2020

CME 495

- Reduced the cost of a competitor's proposal of a robotic positioner by 30%.
- Designed and assembled a modern robotic positioner by utilizing an Arduino Uno R3 with additional parts.

Advanced Software Engineering

Sept 2019 – Dec 2019

CMPT 470

- Modified existing code by following the agile methodology.
 - Analyzed and debugged Machine Learning and Deep Learning Python code.
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EDUCATION

University of Saskatchewan

Sept 2015 – May 2020

Saskatoon, Saskatchewan

- Bachelor of Science in Engineering – Computer Engineering