

Mohammad Hamza

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Education

Bachelor of Science | Sept 2016 - Aug 2019 | University of Lethbridge | Lethbridge, AB

- Major: Computer Science
- Related coursework: Software Development, Data Structure and Algorithms, Quantum Computing, Computer Graphics (OpenGL), Network Communications, Data processing, Programming Languages, New Media, Academic Writing, Management, and Economics.

Information Technology - Diploma | Sept 2014 - Apr 2016 | SAIT | Calgary, AB

- Major: Software Development
- Related coursework: Object Oriented Programming, Web Application Programming, Database, Object Oriented System Analysis and Design, Professional Communication and Presentation, Interface Design, and Business Dynamics.

Skills

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|-------------|------------------------|-----------------------------------|
| • Java | • GIT version control | • Software Development Life Cycle |
| • Python | • HTML/CSS/JSP/Servlet | • Linux |
| • C++ | • JavaScript | • JIRA/Bitbucket |
| • SQL/MySQL | • PHP | |

Experience

Satellite Operations Developer - Student | Canadian Space Agency | May 2019 - Aug 2019 | St-Hubert, QC

- Created Python scripts collecting data for internal satellite mission visualization application.
- Built upon pre-existing Python image processing code for the NEOSat satellite mission ground segment
- Performed maintenance on Perl and Java programs used to support satellite operations

Beta Software Test - Student | Blackberry | Sept 2017 - Aug 2018 | Waterloo, ON

- Triaged and managed incoming issues from users found during mobile device testing
- Communicated with testers/developers to fully understand reported issues and coaching them through procedures to capture logs and documenting steps to reproduce
- Performed log analysis and reproducing issues to accurately report software defects to the appropriate development team
- Collaborated with Project Managers and internal stakeholders to identify critical issues

Capstone Project Team Leader and Developer | Aspen Properties | Sept 2015 - Apr 2016 | Calgary, AB

- Led a team of three in designing, developing and testing a reporting system for a property management company: Aspen Properties.
- Developed a report management system for the security team to replace physical paperwork and reduce the amount of word document generated reports.
- Developed a Web Application with user friendly Interface using CSS, HTML/JSP, and JavaScript; and backend with MVC framework using Java along with SQL database for data persistence.