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Areeb Mustafa

Software Engineer / Software Developer

Portfolio: areebmustafa.com
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Highly motivated, solutions-oriented professional with 2+ years of remarkable background in overseeing all aspects of SDLC, from extensive analysis and design through execution and maintenance. Proficient in utilizing a wide variety of programs and tools to provide high-quality and cost-effective applications/systems to boost organizational efficiency and productivity. Possess unmatched coding and testing skills to deliver client/business-specific programs.

EDUCATION

Master of Science in Computer Science , <i>Georgia Institute of Technology</i>	Sep 2022 - Present
Bachelor of Science in Computer Science Honours , <i>University of Guelph</i>	Sep 2016 - Feb 2021

SKILLS

Tools and Languages	C/C++, Java, Python, JavaScript, JQuery, HTML/CSS, Swift, R
Frameworks	React, React Native, NodeJS, MySQL, PostgreSQL, Android Development
Tools	Git, Scrum Agile Methodologies

TECHNICAL EXPERIENCE

IT Analyst <i>Canada Revenue Agency</i>	Aug 2021 - Jun 2022 <i>Mississauga, ON</i>
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- Diagnosed, troubleshooted and resolved a range of software, hardware and connectivity issues. Excel in asking probing questions and researching, analyzing and rectifying problems.
- Conducted troubleshooting and coaching clients to resolve IT-related and application issues for 100+ users.
- Provided clients with information on available upgrades and troubleshoot computer-related problems for internal clients.
- Documented all issues and generated reports detailing common problems and error trends.

Software Developer <i>Equestrian Show Manager</i>	Jan 2021 — Aug 2021 <i>Brampton, ON</i>
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- Custom-coded front-end website application in React. Optimized the site for accessibility standards based on designs provided.
- Introduced methodologies and best practices that enhanced product definition, release processes and customization of applications to user needs.
- Documented issues and generated software reports in order to easily identify critical issues and assist with the swift resolution to software problems.

Teaching Assistant <i>University of Guelph</i>	Sep 2018 — Dec 2019 <i>Guelph, ON</i>
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- Engaged in 100+ online discussions teaching students Data Structures and Algorithms, Inheritance and Polymorphism.
- Aided students with programming concepts through in-person labs and Skype sessions.
- Prepared lessons according to course outline to convey all required material and deepen student understanding of subject matter.
- Taught struggling students individually and in small groups to reinforce learning concepts.

PROJECTS

Contact Storage Application <i>MERN Stack Project</i>	Jan 2021 - Apr 2021 <i>Brampton, ON</i>
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- Developed a MERN stack contact application for a live website. Application included login authentication through password encryption and a back-end database to store contact and user information.
- Implemented front-end user interface using hooks and context API to refactor code in a clear and concise manner.
- Front-end coded in React.js, back-end coded in Node.js, and the project was deployed through Heroku.
- Documented all issues and generated reports detailing common problems and error trends.

Genealogy Family Application <i>Full Stack Project</i>	Jan 2018 - Apr 2018 <i>Guelph, ON</i>
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- Developed a full stack web application that allows users to store, create, and access genealogy family trees.
- Implemented an algorithm to parse and write genealogy family files using a back end, written in C and Node.js.
- Created RESTful APIs for accessing database of family data and CRUD functionality.