

# Areeb Mustafa

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## TECHNICAL SKILLS

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**Languages:** Java, Python, C/C++, SQL (Postgres), JavaScript, HTML/CSS, Swift, R  
**Frameworks:** React, Node.js, MongoDB, Express.js, JUnit, WordPress, jQuery, Bootstrap, Angular.js  
**Developer Tools:** Git/Github, GitLab, Visual Studio, VS Code, PyCharm, IntelliJ, Eclipse  
**Libraries:** pandas, NumPy, Matplotlib

## EXPERIENCE

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- Software Developer** Jan 2021 – Present  
*Equestrian Store Manager* Brampton, ON
- Converted strings in HTML, Slim and JavaScript files to i18n format to build a standard for developing multilingual applications.
  - Developed code for front-end application using React framework.
  - Assisted junior developers in debugging their code to improve website performance and user experience.
  - Conducted testing and review of website design for responsiveness, clarity and effectiveness.
- Freelance Web Developer** Apr 2019 – Present  
*Self-Employed* Brampton, ON
- Developed 20+ websites using HTML, CSS, JavaScript and jQuery.
  - Planned website development, converting mock ups and prototypes into usable web presence with HTML, JavaScript, AJAX and JSON coding.
  - Provided front-end website development using WordPress, Hubspot and other editing software.
- Undergraduate Teaching Assistant** Sept 2018 – Dec 2019  
*University of Guelph* Guelph, ON
- 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

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- Contact Storage Application** | *React.js, Node.js, MongoDB, Express* Dec 2020 – Feb 2021
- Developed a MERN stack application to add, delete, update contacts on respective accounts.
  - Implemented front-end user interface using hooks and context API and deployed project through Heroku.
  - <https://obscure-forest-53958.herokuapp.com/>
- Student Semester Average Calculator** | *Swift, SQL* Mar 2020 – May 2020
- Developed a mobile application that allows students to calculate grades for school semester and displays semester average and required grades needed to pass a course.
  - Customized UIKit components to build a user interface that is intuitive and highly engaging.
  - Implemented back-end functionality to store student courses and grades to a local database using SQLite.
- Genealogy Family Application** | *C, HTML/CSS, Node.js, SQL* Jan 2018 – April 2018
- Full stack web application that allowed storing, creating and displaying genealogy family files.
  - Created RESTful APIs for accessing database of family data and CRUD functionality.
  - Implemented an algorithm to parse and write genealogy family files using a back end written in C.

## EDUCATION

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**University of Guelph** Guelph, ON  
*Bachelor of Computing in Computer Science* Sept. 2016 – Dec 2020