SARAH ZAFAR

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SKILLS

Languages	Bash, C++, CSS, HTML, Java, Javascript, Python, SQL
Operating Systems	Linux (Debian/Ubuntu), macOS, Windows
Technologies	Bootstrap, Django, FireMonkey, Node.js, Spring, Scikit-learn, TensorFow, VCL
Tools	Azure, Eclipse, Git, JSON, mySQL, NetBeans, VS Code, XCode

EDUCATION

Bachelor of Systems Design Engineering   September 2020 - April 2025
University of Waterloo   *Waterloo, ON, Canada*

EXPERIENCE

Web Developer   June 2020 - August 2020
F.E Enterprises   *Mississauga, ON*
- Minimized downtime by 13% by designing processes for cleanup and performance improvement.
- Supported foundation (intranet) with design updates and usability refinements.
- Designed and implemented a software application using Javascript and CSS for website.
- Developed wireframes, site maps and content inventories for new website designs using C++.

Software Developer, Teacher's Assistant   June 2016 - August 2019
W.E.I Centre Summer Camp   *Mississauga, ON*
- Built a cost control Windows desktop application that organized the children's fees, materials and transportation using C++ with FireMonkey framework.
- Mentored at the camp for over 400+ volunteer hours, teaching students about world religions and history.

Computer Science Tutor   September 2018 - June 2019
Erindale Secondary School   *Mississauga, ON*
- Taught the following courses: Introduction to Java, Introduction to C++, Web Design for Beginners with HTML and CSS
- Pinpointed defects in students' code and explained why their bugs exist, while discussing how to prevent future errors by using good programming habits and techniques.

PERSONAL PROJECTS

Amazon Price Tracker   June 2020
- Built a webscraping application using python and bs4 library to notify user through email of any price changes of an item on Amazon.

TensorFlow Machine Learning Model   March 2020
- Used TensorFlow Image Recognition Python API.

Python Visualized Pathfinder   February 2019
- Built an application that finds the shortest path in between two plot points with customizable obstacles.