Elham Badri

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EDUCATION

University of Toronto   Scarborough, ON
Honours Bachelor of Science - Computer Science Co-op   *Sep. 2020 –Aug 2024*
 GPA: 3.78/4.00
 Relevant Coursework: Introduction to Computer Science, Introduction to Computer Science II, Software Design
 Awards: Dean's List, University of Toronto Scholars Award

PROJECTS

HealthSchedule | *Java, Android Studio, Firebase, Git, Object-Oriented Design, Agile Methodologies*   Aug. 2021
- Developed a clinic scheduler Android application using Java and Android Studio following a Scrum process
- Created Doctor, User, Patient, Appointment classes and worked on first version of the dashboard
- Implemented first version of the Model-View-Presenter Model

SocialPhoto | *MongoDB, Express, React, Redux, Node, Javascript, Netlify, Heroku, Git*   Sep. 2021
- Built and deployed a full stack photo sharing application, allowing users to create, edit, like, and delete posts
- Used Node, React, Redux, Express, and MongoDB to develop application and deployed using Netlify and Heroku

Vent | *MongoDB, Express, React, Node, Javascript, Netlify, Heroku, Git*   Sep. 2021
- Built and deployed a full stack confession web application at Hack the North 2021
- Used Node, React, Express, and MongoDB to develop application and deployed using Netlify and Heroku

WikiMe | *Python, Flask, Git*   Jan 2021
- Implemented various functions in a flask backend to generate a quiz using Wikipedia's API in 2 days at Hack the North 2020++
- Utilized scikit-learn library and tf-idf to locate the top 10 most important words within a Wikipedia article to generate quiz and received positive feedback
- Developed endpoints that could be easily used by the frontend team in under 36 hours

Sorting Visualizer | *HTML, CSS, React, Javascript, Git*   May 2021 – Aug. 2021
- Utilized React to develop an application that visualizes different sorting algorithms
- Implemented various sorting algorithms such as Bubble Sort, Insertion Sort and Selection Sort

TodoList | *HTML, CSS, React, Javascript, Git*   May 2021
- Built a todo-list application utilizing react hooks
- Implemented features such as making a certain task high priority, adding and removing tasks

Encryption Library | *Python, Object-Oriented Programming*   Mar. 2019 – Jun. 2019
- Developed an encryption library using python with a team utilizing object-oriented programming principles and strong problem-solving skills which received extremely positive feedback
- Collaborated very effectively as a team finishing the project much earlier than expected

LEADERSHIP

Taekwondo Instructor   Nov. 2014 – Mar. 2020
World Master Taekwondo Academy   *North York, ON*
- Instructed two to four classes each week teaching between 15 - 30 students per class
- Used leadership and communication skills to promote discipline and respect

Peer Tutoring Manager   Oct. 2019 – Mar. 2020
Georges Vanier Secondary School   *North York, ON*
- Analyzed each tutor's skills and matched them with a tutee which received positive feedback
- Communicated with over 30 tutors and tutees to create a schedule, allowing them to meet on their given days

TECHNICAL SKILLS

Languages: Python, C, Java, JavaScript, HTML, CSS
Frameworks / Libraries: React, Redux, Node.js, Express, MongoDB. Android, Flask
Developer Tools: Firebase Realtime Database, Git, GitHub, Heroku, Netlify, VS Code
Other: Object-Oriented Design, Teamwork, Communication, Problem-Solving, Leadership, Agile Methodologies