

# Saimoon Azad

819-962-5562

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## OBJECTIVE

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Full time work in a Computer or Software developer role

## EDUCATION

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**University of Ottawa**, Ottawa, ON

Bachelor of Applied Science in Computer Engineering

Selected Coursework:

- Data Structures and Algorithms (Java)
- Operating Systems (Linux, Ubuntu)
- Introduction to Artificial Intelligence (Python)
- Databases I (SQL)

## SKILLS

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*Programming Languages* – Java, Python, C++, JavaScript, C, MATLAB, Node.js, jQuery, SQL

*Formatting Languages* – HTML, CSS, XML, JSON

*Technologies/Environment* – Ubuntu, Android Studio, PostgreSQL, React Native, Bootstrap, ReactJS, Django, Firebase

*Version Control* – GIT, GitHub, Bitbucket

*Theoretical* – Strong understanding of data structures

## EXPERIENCE

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***Keys (React Native, Firebase) – An Android application that stores password for the user***

- Designed the UX entirely in React Native
- Utilized Android Studio emulator
- Utilized Firebase authentication for secure user Sign Up and Log In
- Firebase Realtime database for storing user data

***Hotel System (PostgreSQL, Java EE, Apache Tomcat)***

- A scalable Java EE project, emulating a Hotel database management system
- Data stored in PostgreSQL, used MVC design pattern
- Apache Tomcat container for servlet mapping and handling user requests
- Jsp as the view of the application

***SiteBlocker (Python) – A website blocking desktop executable***

- A python script to stop the user from being distracted in the internet
- Wrote simple GUI in Tkinter so inexperienced users can block sites

***Memoarr! (C++) – Implementation of the board game Memoarr***

- Utilized the C++ standard library for data structures such as array, stack and vectors
- Classes such as Card and Deck declared as templates
- Utilized and handled pointers all throughout the project

***Intelligent distribution Panel (C) – Simulation of solar panel energy distribution***

- The entire code base is written and developed in C
- Simulation run on a BeagleBone card
- Developed in an Agile, Scrum management environment

## WORKPLACE SKILLS

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*Leadership* – Scrum master for an agile development team

*Teamwork* – Worked in teams on various projects, excellent delegation skills

*Helpful* – Taught Mathematics to middle school students

**Website-** [sazad32.github.io/website/](https://sazad32.github.io/website/)

**LinkedIn-** [linkedin.com/in/saimoon-azad-778287157/](https://linkedin.com/in/saimoon-azad-778287157/)