

Saimoon Azad

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Website- sazad32.github.io/website/

EDUCATION

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

Programming/ Scripting Languages – Java, Python, C++, JavaScript, C

Formatting Languages – HTML, CSS, XML, JSON

Technologies/Environment/Libraries – Ubuntu, Android Studio, PostgreSQL, React Native, Bootstrap, ReactJS, Django, Firebase, jQuery, SQL

Version Control – GIT, GitHub, Bitbucket

Theoretical – Strong understanding of data structures

EXPERIENCE

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

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

Communication – Customer service experience in retail

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

GitHub - github.com/sazad32