

Faizan Naseer

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EDUCATION

University of Toronto

Sep. 2021 – Apr. 2025

BSc Computer Science

Toronto, ON

- Courses: Programming, Discrete Math, Calculus, Linear Algebra, Software Design, Numerical Algorithms for Computational Mathematics, Systems Programming, Data Structures, Theory of Computation
- Awards: UofT International Scholar Award, UofT Scholar Award, Dean's List Scholar

WORK EXPERIENCE

Silicon Fen Venture Fund

May. 2020 – Sep. 2021

Project Manager

Dubai, UAE

- Helped youth-led startups solidify their ideas into tangible products through industry insights, mentor networking, organizing entrepreneurial seminars, and weekly advising sessions.
- **Received funding** from several schools to help fund student prototyping

ICC Academy

Mar. 2018 – Apr. 2018

Research & Management Intern

Dubai, UAE

- Performed market research on competitor offerings and presented findings to employers - helped the company gain a competitive edge in terms of services provided
- Effectively coordinated sport management operations, resulting in greater productivity and higher levels of customer satisfaction

PROJECTS

Content Management System Web App

Aug. 2023 – Sep. 2023

- Developed a content management system web application using MVC architecture where a user can login and carry out CRUD operations
- Additionally created a landing blog page for presentation. (Technologies: ReactJS, TailwindCSS)
- Utilized **ReactJS** and **TailwindCSS** for the front end, **TipTapJS** for text editing, **ExpressJS** and **NodeJS** to implement RESTful API, and **MongoDB** for the backend

Timeline Generator Android App

Nov. 2022 – Dec. 2022

- App that allows students to log in and input taken and desirable courses & then generates a degree timetable based on prerequisites & course information. (Technologies: **Android Studio**, **Java**, **Git**, **Firebase**, **Jira**)
- Allows admins to add, edit, and delete course information (e.g. prerequisites) after logging in
- Used an **agile** methodology (**scrum**) in a group of 4 with regular stand-up meetings, and weekly sprints

Hotel Booking App

May. 2023 – Aug. 2023

- IOS app that allows users to log in and search for hotels near a particular location based on family requirements.
- Technologies: **React Native**, **GraphQL**, **AWS Amplify**

Huffman Encoding

Nov. 2022 – Dec. 2022

- Program that compresses user input & decodes encoded messages via a lossless, greedy Huffman coding algorithm (**Python**, **Heaps**, **DFS**)

Toronto Covid Analysis

Mar. 2022 – Apr. 2022

- Analysed trends and hypotheses on a COVID-19 dataset done in a group of three using **R** (**data cleaning**, **visualization** via tables & graphs and hypothesis testing using **linear regression**)
- Contributed towards **hypothesis testing and final conclusions**

SKILLS

- **Skills:** Programming (C, Python, Java, R, JavaScript, TypeScript), HTML5, CSS3, Web Scraping, Git, Android Studio, Firebase, MongoDB, ExpressJS, NodeJS, Jira, React, React Native, AWS Amplify, Critical Thinking, Time Management, Communication, Teamwork