

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

Huffman Encoding

Nov. 2022 – Dec. 2022

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

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

Driver Statistics

May. 2022 – Aug. 2022

- Web scraping program that displays F1 statistics from the internet on the current season based on user input, e.g. standings, DNFs, wins, etc. (Technologies: **BeautifulSoup, Python, Requests**)

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**

Grade Generator

Apr. 2020 – May. 2020

- A support program for teachers used to generate student grades via analysis of past student performance in class and exams. (Technologies: **Python, Text Databases, File Handling**)

Animal Classifier

Aug. 2022 – Sep. 2022

- Created a program that uses machine learning to recognize images of cats and dogs and classify them, by accessing an API. (Technologies: **Python, Numpy, Kaggle API, Scikit-learn**)

SKILLS & INTERESTS

- **Skills:** Programming (C, Python, Java), HTML5, CSS3, Web scraping, Git, Android Studio, Firebase, Jira, React JS (Basic) Critical Thinking, Time Management, Communication, Teamwork
- **Interests:** Debating, Reading, Sports, Fitness, Writing