Faizan Naseer

f.naseer@mail.utoronto.ca ❖ +1 (437) 518 0110 ❖ Toronto, ON ❖ GitHub ❖ LinkedIn ❖ Website

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

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