ANEEQ HASSAN

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EDUCATION

University of Toronto

Honors Bachelor of Science   Sept 2019 – Dec 2024

Specialist in Computer Science; Major in CCIT

Relevant Coursework: Data Structures, Software Engineering, Algorithms, Software Design, Linear Algebra, Systems Programming, Engineering Large Software Systems, Statistics

WORK EXPERIENCE

Koho Financial   Remote

Software Developer - Co-op   May 2022 – May 2023

- Implemented NGRX state management in Koho's mobile app using Angular, reducing unnecessary API calls, and improving data handling efficiency, overall improving the app load time by **60%**.
- Developed automated testing scripts into Jenkin's pipeline for the Save Accounts feature using Go and SQL database, increasing development cycles by **45%**.
- Wrote comprehensive stories and unit tests with Storybook and Jasmine for UI components, resulting in a **95%** reduction in UI-related bugs and enhancing overall code quality.
- Revamped payment system by seamlessly integrating Google Pay through in-app provisioning for Android users, resulting in a 30% reduction in transaction errors and enhancing overall user satisfaction.

Enbridge   Canada

IT Analyst Intern   Jun 2023 – Sept 2023

- Orchestrated project timelines and resources, ensuring seamless coordination and communication among cross-functional teams to meet project objectives and deliverables.
- Employed advanced Excel skills to analyze large datasets, resulting in a **20% reduction** in workflow bottlenecks and a **15% increase** in overall process efficiency.

University of Toronto   Canada

Computer Science Teaching Assistant   Jan 2022 - Present

- Educated over 1000 students over 5 semesters in Python Programming, Data Structures and Algorithms, OOP, and analyzing the efficiency of programs in an active learning environment.
- Led weekly labs for 3 sections, improving grades by **38%** by creating lesson outlines and aiding students.

PROJECTS (AVAILABLE ON GITHUB)

BizReach Marketplace | Firebase, Express, React, Node.js, Chakra UI, Socket.io

- Led a team of **5** to design and implement a local services app that connects relevant businesses to clients in 4 sprints.
- Developed a dynamic UI using React and Chakra UI, ensuring an engaging and responsive user experience.
- Integrated Firestore to store real-time data, image storage, and authentication for a secure and user-friendly login.
- Employed Jira to manage project workflow, facilitating **Agile** development and **Scrum** methodologies for improved project organization, tracking, and timely delivery.

The Three Musketeers | Java, JavaFX, JUnit, Git

- Designed and developed a 2D GUI board game alongside 4 individuals using Java, JavaFX, and JUnit.
- Implemented a Greedy bot for users to play against using a greedy algorithm and a random move generator bot.
- Created UML diagrams to communicate MVC, design patterns and system design to teammates.

SKILLS

Technical Skills: Python, Java, React, Typescript, JavaScript, C, Angular, HTML/CSS, Node.js, Express.js, SQL
Tools: Git, Jira, Firebase, AWS, Postman, Figma, Datadog, Docker, Unix/Linux, VS Code