

Ammar Hatiya

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Skills Summary

Languages: Python3, C#, C++, Java, HTML5, CSS3, JavaScript (ES6), Dart

Libraries/Other: Node.js, Vue.js, Express.js, React, D3.js, Docker, MongoDB, Ajax, Azure, Git

- Deep understanding of algorithms and data structures via industry experience & coursework
- Strong knowledge of Data visualization & analytics via Python3 libraries (NumPy, pandas, & Matplotlib)

Education

B.Sc. Computer Science, *Ontario Tech University*

Sep. 2020 – Apr. 2024

• Overall GPA: 3.8/4.3

• President's List: (3 semesters), Dean's List: (2 semesters)

• Relevant Courses: Analysis & Design of Algorithms, Web Application Development, Software Design & Analysis, Software Systems Development & Integration, Machine Learning

B.Sc. Computer Science, *University of Toronto*

Sep. 2019 – Aug. 2020

• Overall GPA: 3.6/4.0

Relevant Projects

Airline Crash Safety Statistics - Java, Gradle, JavaFX, FXML

- Given incident/safety statistics on 50+ airlines, developed data analytics scripts to process KPIs across the board to discover 70% decrease in fatal incidents/accidents in a 30-year period
- Developed a data visualization component via JavaFX to demonstrate likelihood of fatal crashes across all airlines

Proguru - HTML5, CSS, JavaScript, Bootstrap, Ajax, Node.js, Vue.js, MongoDB

- Worked in a small team to design and develop a web application that educates students on three functional topics within computer science (Fundamental Data Types in Python3, Bash, and Introduction to C++). Created database to store user info and progress
- Built a login service as well as evaluations (via quizzes) to gauge learner's understanding

Prism Chat - Java, JavaFX, Multithreading/Concurrency, Client Sockets

- Created a chat app where users can login, add each other, and communicate
- Uses multithreading for optimized performance in client sockets and network

Ecom - HTML5, JavaScript (ES6), Python, Vue.js, Vuetify, Google Cloud

- Developed a minimal e-commerce web app that showcases subscription-based apps/services
- Designed REST APIs that fetch filterable product catalogue data from SQLite databases

Tale Tailor – Flutter, Dart, C++, SQLite

- Spearheaded the development of Tale Tailor, a collaborative storytelling mobile app
- Engineered authentication using Firebase and implemented SQLite for seamless data persistence
- Built and managed APIs for seamless integration and handled HTTP requests to facilitate external service connectivity

Work Experience

Software Developer Intern, *Nuvoola AI*

Apr. 2023 – Sep. 2023

- Kickstarted development of intelligent asset management solution for supply chain and logistics
- Designed and developed stand-alone IDP module (web application) utilizing Amazon Textract OCR
- Constructed filters/queries for seamless data ingestion into cloud-based storage (Amazon S3)

Full Stack Software Development Intern, *Mely.ai*

Sep. 2022 – Apr. 2023

- Used AI (Amazon Textract) tools to facilitate automated intelligent document processing for logistics
- Designed NLP solutions using C# and Python that work in conjunction with Amazon APIs
- Collaboratively developed remodels of database retrieval methods to streamline data flows within applications