

Ammar Hatiya

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Skills Summary

Languages: Python3, C#, C++, Java, HTML5, CSS3, JavaScript (ES6)	• Strong knowledge of Data visualization & analytics via Python3 libraries (NumPy, pandas, & Matplotlib)
Libraries/Other: Node.js, Vue.js, D3.js, Docker, MongoDB, Ajax, Swing, Azure, Git, GitHub, Gradle	• Deep understanding of algorithms and data structures via industry experience and coursework

Education

B.Sc. Computer Science, Ontario Tech University • Overall GPA: 3.9/4.3 • President's List: (3 semesters), Dean's List: (1 semester) • Relevant Courses: Analysis & Design of Algorithms, Web Application Development, Software Design & Analysis, Software Systems Development & Integration, Computer Graphics	Sep. 2020 – Apr. 2023
B.Sc. Computer Science, University of Toronto • Overall GPA: 3.6/4.0	Sep. 2019 – Aug. 2020

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 function as well as evaluations (via quizzes) to gauge learner's understanding

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

- Created a chat app where users can login, add each other, and communicate
- Integrated multithreading functionality through both client sockets and the internet

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

Warden - Java, Swing, AWT

- Top-down arcade style tank game played on PC
 - Integrated 2D graphics and pixel animations via Swing
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Work Experience

Full Stack Software Development Intern, Mely.ai • 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	Sep. 2022 – Apr. 2023
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IT Project Lead, Shornali IT Solutions • Managed various IT projects for a wide range of medium to large scale organizations (Morningstar, DBRS, Insight) • Completed contracts in a wide variety of IT-related services such as hardware and software installation, maintenance, repair, and updates	Apr. 2022 – July 2022
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