Jafer Haider

Computer Science and Business Administration Double Degree | Canadian Citizen | USA Permanent Resident

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Work Experience

Data Scientist Intern   Summer 2019
Vida Health   San Francisco, California, USA

Mobile Developer Intern   Fall 2018
National Logistics Service   Mississauga, Ontario, Canada

- Created visitor management system using React Native and Go to streamline, track, and monitor usage of warehouses
- Implemented internal shipment/carton tracking in ASP.NET MVC allowing clients to view status of their orders online
- Developed user-friendly app with Vue.js to allow internal users to fill out automatic billing based on complex conditions

Software Developer Intern   Winter 2018
BMO Capital Markets   Toronto, Ontario, Canada

- Liaised with fixed-income traders to deliver C# applications that streamlined trading of corporate securities
- Leveraged pub/sub back-end and FIX protocol adapter to allow bulk trading of bonds resulting in smooth trader workflow
- Connected Angular2 front-end with MongoDB back-end to measure risks on US trading desks to prevent liabilities

DevOps Engineer Intern   Summer 2017
Camis Inc.   Guelph, Ontario, Canada

- Created a dynamic web dashboard with Node.js and jQuery used to monitor and update clients remotely
- Implemented a company-wide source control branching strategy involving migration from TFS to Git
- Facilitated the implementation of Puppet to monitor deployment to client machines with restricted bandwidth limits

Skills

Languages: C, C++, C#, JavaScript, Java, Python, PowerShell, SQL, React, Angular, Node.js, ASP.NET, Vue.js
Tools and Technologies: SVN, Git, TFS, MongoDB, Visual Studio, SQL Server, Oracle, Linux, Express, Expo

Projects

Visitor Management System — Mobile app on iOS/Android tablets to register employee/visitor entry to warehouses

- Developed seamless, scalable user interface using React Native with Expo to deploy to clients
- Designed and scaled with both phones and tablets in mind, running equally well on all devices
- Connected PHP API to SQL Server database for back-end management of information

Sorcery — Object-oriented implementation of card game similar to Magic the Gathering and Hearthstone

- Used C++ MVC pattern to facilitate effective groupwork and delegation of tasks alongside low coupling
- Implemented Subject-observer pattern wherein the gameboard broadcasted all moves to graphical interfaces
- Effectively managed project by creating UML design beforehand and utilizing effective git branching workflows

web-msngr — Real-time personal messaging web application created using the MEAN tech stack

- Connected Node.js backend with the Express framework to create a REST API for an Angular frontend
- Used MongoDB NoSQL database to efficiently store and retrieve information about users, chats, and messages
- Implemented Socket.io to facilitate real time message retrieval and broadcasting for connected users

Education

Candidate for Honours Bachelor of **Computer Science**, BCS   **University of Waterloo**, 2016 - 2021
Candidate for Honours Bachelor of **Business Administration**, BBA   **Wilfrid Laurier University**, 2016 - 2021

Interests

Shawarma enthusiast; avid board game player; huge fan of The Office; beginner in Muay Thai, Yoga, and Swimming