Jafer Haider

Computer Science and Business Administration | Canadian Citizen, US Green Card

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Waterloo, Ontario

WORK EXPERIENCE

BMO Capital Markets   Winter 2018

Software Developer Analyst   Toronto, Ontario, Canada

- Liaised with fixed-income traders to effectively deliver C# WPF applications with request/response RabbitMQ backend
- Used ASP.NET, Oracle SQL to develop web apps to manage database permissions and internal treasury auction bids
- Worked with publish/subscribe backend to deliver a smooth bulk trade entry screen using a FIX protocol adaptor
- Connected Angular2 frontend with a Mongo backend to accurately measure and assess risk limits on US trading desks

Camis Inc.   Summer 2017

DevOps Engineer   Guelph, Ontario, Canada

- Created a dynamic web dashboard with Node.js and jQuery used to monitor and update build-deployment processes
- Implemented a company-wide source control branching strategy involving migration from TFS to Git
- Facilitated the implementation of Puppet to monitor client machines with restricted bandwidth limits
- Worked in an Agile development environment utilizing Scrum development methodology with various Atlassian tools

BoardLock Business Venture   Winter 2017

Semi-finalist, BDO New Venture Competition   Waterloo, Ontario, Canada

- Developed a business around manufacturing and marketing a skateboard lock for the Californian skateboard market
- Prepared and delivered several presentations on short notice for evaluation by executive judges and professors

TECHNICAL EXPERIENCE

Experience working with **Java, C#, C++, Python, JavaScript, HTML, Angular, ASP.NET MVC, Racket, jQuery, XAML, Node.js**

Tools and Technologies: **Git, TFS, SVN, MongoDB, IIS, Express, Socket.io, SQL, Linux, PowerShell**

Sorcery   https://github.com/itsjafer/sorcery-OOP   Fall 2017

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   https://github.com/itsjafer/web-msngr   Fall 2017

Real-time personal messaging web application created using the MEAN 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

Prospect   Summer 2017

Internal dashboard created for Field Ops at Camis Inc. to remotely monitor clients' status and health

- Created Powershell scripts in combination with a backend powered by a Node.js REST API connected to SQL Server
- Implemented dynamic frontend using jQuery, Bootstrap, and HTML based on client feedback during product demos
- Used TFS and OctopusDeploy to create seamless build and deployment process to both PROD and UAT environments

EDUCATION

Honours Bachelor of **Business Administration,** Concentration in **Finance** – Wilfrid Laurier University, 2021

- BU283 – Corporate Financial Management

Honours Bachelor of **Computer Science,** Concentration in **Software Engineering** – University of Waterloo, 2021

- CS246 – Object-Oriented Software Development, C++
- CS241 – Foundations of Sequential Programs, Scala

MISCELLANEOUS

Shawarma enthusiast; Boys' soccer coach; Rocket League, FIFA, Fortnite; Avid fan of The Office, Black Mirror, Game of Thrones