# Jafer Haider

3B Computer Science and Business Administration | Canadian Citizen, USA Resident

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## Work Experience

**National Logistics Service**  — Fall 2018 - Present
Mobile Developer — Mississauga, Ontario, Canada

- Developed mobile app from scratch connecting React Native front-end to PHP RESTful API backend
- Designed UX/UI scaling for a variety of mobile devices from small iOS phones to large Android tablets

**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

## Technical Experience

Experience working with C, C++, C#, JavaScript, React (Native), Node.js, jQuery, ASP.NET MVC, XAML, Racket, Python, Java
Tools and Technologies: SVN, Git, TFS, MongoDB, Visual Studio, SQL Server, Linux, PowerShell, Socket.io, Express, Expo

**Visitor Management System** — Fall 2018
Mobile app used at reception on iOS/Android tablets to manage both visitor and employee sign-in

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

**Bond Axes Publisher** — Winter 2018
A C#, WPF application that allowed fixed-income bond traders to create, save, and publish discounted bonds

- Leveraged publish-subscribe architecture to save and update database in real-time for multiple, simultaneous users
- Worked with bond traders to create ideal front-end interface whilst adhering to Model-View-ViewModel idiom
- Connected Oracle SQL database with RabbitMQ backend whilst maintaining backwards compatibility

**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

## Education

Honours Bachelor of Business Administration (BBA), Concentration in Finance - Wilfrid Laurier University, 2021
Honours Bachelor of Computer Science (BCS), Concentration in Software Engineering - University of Waterloo, 2021

## Interests

Shawarma enthusiast. Big fan of video games like Rocket League, FIFA, Spider-Man, God of War. Avid viewer of The Office, Black Mirror, The Twilight Zone, Game of Thrones. Constantly playing board games like Coup, The Resistance, Bang, Codenames.