Omar Elnajmi

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EDUCATION

University of Waterloo   Waterloo, ON
Bachelor of Computer Science (Double Degree)   *September 2021 – June 2026*

Wilfred Laurier University   Waterloo, ON
Bachelor of Business Administration (Double Degree)   *September 2021 – June 2026*

TECHNICAL SKILLS

Languages: Java, Typescript, Dart, Golang, C/C++, C, JavaScript, HTML/CSS, Python, Kotlin, SQL
Frameworks: VueJS, ReactJS, Node.js, Android, Flutter, React Native, Nuxt
Developer Tools: Git, TravisCI, VS Code, IntelliJ, WebStorm, Eclipse

EXPERIENCE

VHA Home Healthcare   May 2020 – September 2020
Frontend React Developer   *Remote*
- Developed an educational app for occupational therapy students and frontline health care workers.
- Primairly focused on implementing the data validation and processing of the user's inputs
- Utilized media queries to provide proper sizing for a multitude of devices

MC-Market   March 2017 – April 2020
Freelance Developer   *Remote*
- Worked on a wide variety of requests from clients on sites such as MC-Market and SpigotMC, including plugin development, web development, and discord bot creation.
- Wrote modular code — following SOLID design principles — to ensure my work was easily extendable
- Consistently implemented new features and bug fixes on short notice.

3571 Robotics   November 2017 – June 2021
Lead Programmer   *Milton, ON*
- Developed an in-depth understanding on writing software that takes into account the constants of the physical world
- Managed programming team-members to develop and connect various parts of our robots codebase
- Collaborated with other robotic departments to ensure software-hardware compatibility
- Applied a variety of automation and vision processing techniques to enhance the portability of team 3571's robots
- Completed numerous last minute software modifications during high-stress competition scenarios

PROJECTS

HeyFollowers | *Typescript, VueJS, NodeJS, Nuxt, MongoDB, Vuetify, discord.js*   December 2020 – January 2021
- Developed a discord bot and full-stack universal web application using NuxtJS
- Implemented Discord OAuth to retrieve profile and guild data from users
- Constructed a modern web interface using material design components from the Vuetify framework
- Persisted and modularized user and guild data using MongoDB

ReferME | *Spigot API, Java, Gradle, TravisCI, Git*   November 2017 – January 2018
- Created a plugin that adds a player referral system to Minecraft servers.
- Published the plugin on SpigotMC.org, gaining 370+ downloads and an average 4.33/5-star review
- Implemented continuous delivery using TravisCI to build, test and deploy the plugin upon new releases
- Aggregated feedback from Minecraft server community owners to develop new features to suit their needs

ACHIEVEMENTS AND CERTIFICATES

HackTheNorth 2019   Waterloo, ON
SpeakNow — Best use of Transposit   *September 2019*

President's Gold Scholarship   Waterloo, ON
Highest order entrance scholarship at WLU   *May 2021*