Ian **Grenier**

Software Developer

CONTACT

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PROFICIENCIES

LANGUAGES

- C (SDL)
- C#/.net (LINQ)
- C++
- CSS3 (Animations, Grid, Flexbox, Bootstrap)
- HTML5
- Java (JUnit, JavaFX, FXML, Scene Builder, JDBC)
- JavaScript (ES6, EJS, AJAX, Express.js, jQuery, Babel, Clarifai API, Node.js, Passport.js, React, Redux, JSON)
- PHP
- Python
- Regex
- Ruby (Rails)
- SQL (MySQL, SQLite)
- XML
- 6502 Assembly for the Atari 2600 :)

SOFTWARE & TOOLS

- Android Studio
- Arduino
- Bash
- Clion
- Code Blocks
- Cpanel
- Git
- GitHub
- Heroku
- Intellij IDEA
- Joomla CMS
- Makefiles
- MongoDB
- Mongoose
- NPM
- PHP Storm
- PostgresSQL
- Powershell
- Raspberry Pi
- Scene Builder
- SQLite
- STM32CubeIDE
- Unity
- Unreal Engine 4
- VSCode
- Webpack
- Wireshark
- Wordpress

Hello, I'm Ian

I spent most of last year stuck inside, but if I'm being honest, I really like it in here. While inside, I realized a possible opportunity to shift my career away from IT and into the world of software development.

I spent thousands of hours researching common software development technologies and the profession itself. I studied from books, articles, and online communities, completing a lot of instructor-led courses offered online. I explored anything interesting and completed dozens of course projects and some of my own for multiple platforms including embedded, desktop, mobile, game, and web development. I also studied clean code, problem solving techniques, test driven development, design patterns, refactoring, and software construction.

EDUCATION

TECHNICAL COURSES

- The Complete 2021 Web Development Bootcamp
- The Complete Web Developer In 2021: ZTM
- The Web Developer Bootcamp 2021
- The Odin Project
- Java Programming Masterclass
- Design Patterns In Java
- Android Java Masterclass
- C Programming
- Advanced C Programming
- C# Intermediate
- C# Advanced Topics
- MCU Embedded C Programming
- Embedded Systems Programming On ARM
- Learn 6502 Assembly Language
- Creating A Game Loop With C And SDL
- Raycasting Programming With C
- 3D Graphics Programming From Scratch
- RegexOne
- SQLBolt

CERTIFICATIONS

Networking and Security
- VMWare VCA(2018) • Microsoft MCP(2018) • Cisco CCNA(2017)
- Network+(2017) • A+(2017)

CANADORE COLLEGE

Aviation Technician
Avionics, Structural, Mechanical Service and Repair

EXPERIENCE

PROJECT & SERVICE DELIVERY MANAGER   **Microserve**   2019

Managed AV Operations, Professional Services, and Technical Services projects and project deliverables through initiation, planning, execution, monitor and closing activities. Including the transition to operations. Developed the PMO and worked with internal/external stakeholders to develop project plans while identifying/documenting constraints, utilizing tools and techniques to develop management plans for the scope, schedule, cost, risk, resource, and other project management knowledge areas.

SERVICE DESK ANALYST   **Municipality of Parkland County**   2017-2019

I worked as part of a small IT team to coordinate and provide tier 1 and 2 support for 400 employees across all departments and locations of the municipality including system administration, networking and security. Our team also managed IT assets, small and large projects, and service desk alignment with operational practices.

I expanded our use of the ticketing system to further satisfy the needs of the business and provide better service. I also developed a plan to reorganized the service delivery strategy to make a large and positive impact by incorporating not only technical solutions, but others including user education, relationship building, positive marketing for IT and more. The presentation of this new strategy was well received and strongly supported by IT leaders and municipal executives.