

# Patrick Williamson

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<https://github.com/Patnonymous> | [Portfolio Site](#)

## EXPERIENCE

### Full Stack Web Developer | Support Developer

May 2021 – Dec 2021

*Terentia*

*Toronto, Ontario*

- Hit the ground running and immediately consulted with team leads and developers to get up to date on new codebase components
- Collaborated with lead designers to implement frontend pages according to stakeholder specifications
- Implemented multiple new pages and components, and other components which hooked into existing pages
- Worked on bug fixing tickets to isolate and patch client and server issues
- Created over 10 new backend API endpoints according to existing endpoint standards and practices
- Built an asset migration Python app allowing for mass migration of local assets at over triple efficiency

### Full Stack Web Developer

Oct. 2020 – Dec. 2020

*Terentia*

*Toronto, Ontario*

- Refactored pages and components from boilerplate code to fully functional pages
- Analyzed design documents to implement frontend pages according to specifications
- Consulted with project lead to research, choose, learn, and implement FeathersJS backend framework
- Worked with project lead to implement and establish the first API endpoints
- Participated in educational meets to fully understand what composes a Digital Asset Management system

## PROJECTS

### SmiBuilder | *NodeJS, Vue, Nuxt, SQL, Microsoft Azure*

2022

- Developed a client plus API web application that allowed users to plan character builds for a game
- Styled using CSS plus Bootstrap, with a focus on ease of use
- Implemented authentication and authorization using JWT
- Multiple account types allows for different levels of authorization
- Has a logging system which allowed Admins to view statistics such as most used items and characters

### WifiWizard | *Unity, C#, Python, Blender*

2021

- Developed an educational game for the networking department of Mohawk College
- The goal of the game is to allow players to place internet access points and visualize the range
- Features full 3D graphics, movement and an inventory system
- Implemented a score exporting system and processor using Python

## TECHNICAL SKILLS

**Languages:** Python, SQL (SQL, MySQL, Postgres, PL/SQL), Javascript, PHP, HTML/CSS, C# (.net), Java

**Frameworks:** Node.js, Vue (Nuxt), Angular, React, Django, WordPress, ExpressJS, FeathersJS

**Developer Tools:** Git (Github, Sourcetree), Microsoft Azure, Jira, VS Code, Visual Studio (2019, 2022), Pyzo, PyCharm, Eclipse, IntelliJ

**Libraries:** pandas, NumPy, Matplotlib, luxon, unittest

## EDUCATION

### Mohawk College of Applied Arts and Technology

Ontario

*Ontario Colleges Advanced Diploma in Software Development*

*Jan. 2019 – Feb. 2022*

### Mohawk College of Applied Arts and Technology

Ontario

*Ontario Colleges Diploma in Software Support*

*Jan. 2019 – Feb. 2021*