

Patrick Cullen

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[GitHub Link](#)

Education

[Internet Application Web Development Diploma](#)

Sept 2024 - Present

Algonquin College - Ottawa

- Dean's Honour List; GPA 3.97 / 4.0
- Coursework Including - Database Design and Development (MariaDB/SQL)
Python, HTML/CSS, Javascript, Linux/Shell Raspberry Pi,
Object Oriented C#/Blazor, Technical Communication

[Computer Science Advanced Diploma](#)

Completed 2007

Algonquin College - Ottawa

- Coursework Including - Object Oriented Java, C/C++, HTML/CSS, Javascript,
Linux/Shell Programming

Summary of Qualifications

Programming Languages: C/C++, C#, Java, HTML, CSS, Javascript, SQL

Operating Systems: Windows XP/NT/10/11. Linux Ubuntu / Debian Raspberry Pi.
MacOS

Database Management: MariaDB and MySql (Java front end)

Software Tools: Eclipse JDE, Microsoft VSC, JetBrains Rider and DataGrip, GitHub

Web Development Tools: C# with Blazer, FileZilla, Microsoft Office/Open Office (Word, Excel)

- Database Design and implementation for both front and back end access and deployment
- Rapid application development using C# and Blazor web framework.
- Linux shell operating and communications, with Raspberry Pi servers and interface.
- Technical communications practice in delivery of technical instructions and memo/update control
- GitHub version control

Highlights of Qualifications:

- Ability to learn and adapt to new/changing technology. A willingness to self guided learning and problem solving opportunities.
- Communications and coordination with team members to maintain team/work cohesion.

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Work Experience

Worker - Books on Beechwood, August 2024 - Present

- Communicated store and customer needs in a professional expedited manner.
- Inventory management including stocking and ordering anticipated trends and sales opportunities.
- Update and maintenance of online store.

Manager - The SconeWitch, August 2017 - July 2024

- Managed/Trained staff to provide fast food service and food safe conditions.
- Provided prompt and quick customer service in a fast paced environment.
- Used attention to detail for handling customer orders and cash/expense tasks.

Assistant Manager/Supervisor - Starbucks Coffee Company, January 2005 - July 2017

- Managed/Trained staff to provide fast food service and food safe conditions.
- Provided prompt and quick customer service in a fast paced environment.
- Used attention to detail for handling customer orders and cash/expense tasks.

Projects

Star Trek Card Game Personal Database Implementation, November 2024 - Present

- A self run project to gather resources of a fan run website of Star Trek card game and transform into a publicly accessible database API.
- Front end of web page scraping using a Python 'Beautiful Soup' script to create an Object Oriented design/storage.
- A back end implementation of a SQL database and API layer of that scraped information.
- A webpage using HTML/Javascript with implemented API for a mobile browser interface for public use.
- Required self guidance/education to learn new features of Python/SQL/API but also an implementation of knowledge learned from current study.

Awards

Nominated for the Dr. G.A. Chambers and J.R. Wighton Award

References

Available Upon Request