

Andrew Miller

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Professional Experience

Software Developer Co-op

Myriad Neuroscience

January 2020 - August 2020
Mason, Ohio

- Contributed to the unit test coverage of multiple services to reduce QA workload
- Pioneered new component test assembly for microservice template
- Engaged in regular sprint ceremonies for the “Operations” agile development team
- Responded to the rapidly-changing needs of stakeholders

Web Developer Co-op

Fortech LLC

Aug 2018 - December 2018
May 2019 - August 2019
Cincinnati, Ohio

- Acquired Microsoft 70-483 Programming in C# Certification
- Developed Web Applications in .NET Core with MVC and React
- Designed a dashboard for an MES application to assist P&G plant-floor personnel with data visualization
- Enhanced in-house Time Accounting software with additional features for proposal tracking and expense reporting

Undergraduate Researcher

University of Cincinnati

January 2018 - April 2018
Cincinnati, Ohio

- Contributed to Dr. Wilsey’s High-Performance Computing Lab
- Adapted “warped2” simulation framework to new model for artificial neural networks
<https://www.github.com/wilseypa/warped2models/tree/master/models/neuron>

Education

University of Cincinnati, College of Engineering and Applied Science

Bachelor of Science, Computer Engineering

August 2016 - May 2021
Cincinnati, Ohio

- Cincinnatus Scholar

Technical Proficiencies

C#/C++, Java, SQL, Python, HTML/CSS, Javascript: React, Angular

Personal Projects and Accomplishments

Professional Website

April 2019

- .NET Core website written with React
- Hosted with an Amazon Web Services EC2 instance with Windows server 2016
<http://seeandrewmiller.com/>

Github Repository

December 2018

- Devised numerous small code projects created to explore new areas of programming
- Studied various aspects of web development and interacting with an API
- Implemented basic algorithms for data compression and web scraping
<https://github.com/mille5a9/charmed>

Linux Ethereum Mining Machine

December 2017

- Assembled parts and constructed wooden frame
- Utilizes five GPUs to mine on the Ethereum blockchain, providing security to the network

Boy Scouts

October 2015

- Achieved Eagle Scout rank