

Andrew Miller

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Education

University of Cincinnati, College of Engineering and Applied Science

Bachelor of Science, Computer Engineering

- GPA: 3.4/4.0
- Cincinnatus Scholar

August 2016 - May 2021

Cincinnati, Ohio

Professional Experience

Software Developer Co-op

Myriad Neuroscience

- 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

January 2020 - August 2020

Mason, Ohio

Web Developer Co-op

Fortech LLC

- 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

Aug 2018 - December 2018

May 2019 - August 2019

Cincinnati, Ohio

Undergraduate Researcher

University of Cincinnati

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

January 2018 - April 2018

Cincinnati, Ohio

Technical Proficiencies

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

Personal Projects and Accomplishments

Professional Website

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

April 2019

Github Repository

- Devised numerous small code projects created to explore new areas of programming (link in heading)
- Studied various aspects of web development and interacting with an API
- Implemented basic algorithms for data compression and web scraping

December 2018

Linux Ethereum Mining Machine

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

December 2017

Boy Scouts

- Achieved Eagle Scout rank

October 2015