

# Andrew Miller

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## Professional Experience

### Software Developer I

Battelle Memorial Institute

May 2021 - Present

Columbus, Ohio

- Executed full-stack implementation of search functionality for client's public Data Explorer tool
- Interacted with clients at the Centers for Disease Control to advance business objectives
- Provided regular summaries and updates of progress to leadership team

### 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

August 2016 - May 2021

Bachelor of Science, Computer Engineering

Cincinnati, Ohio

- Cincinnatus Scholar

## Technical Proficiencies

C#, C++, C, Java, SQL, Git, TFS, SVN, 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

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>

### Boy Scouts

October 2015

- Achieved Eagle Scout rank