

# Sawyer Redpath

sawyerbruceredpath@gmail.com | (216) 502 0005 | Cleveland, Ohio  
<https://github.com/SawyerRedpath> | <https://www.linkedin.com/in/sawyer-redpath/>  
<https://sawyerredpath.github.io/>

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An analytical Software Developer with excellent communication and interpersonal skills. Thrives in both collaborative and individual environments. Possesses an infinite appetite for growth of knowledge as a Developer. Always learning, never complacent.

## TECHNICAL SKILLS

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- **Object Oriented Programming:** Java, C#, .NET
- **Web Application Development:** HTML, CSS, JavaScript, jQuery, ASP.NET Core MVC
- **Database Programming:** Microsoft SQL Server Management Studio, Table design and creation, SQL queries and DML, E/R diagrams
- **Development tools and techniques:** Agile, Unit testing, Integration testing, TDD, Unix command line navigation, Git, Eclipse, Visual Studio

## EDUCATION

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### Cuyahoga Community College

*Associate Degree in Programming and Development*

**January 2019 – May 2020**

*Cleveland, OH*

### Tech Elevator

*Coding Bootcamp*

**September 2018 – December 2018**

*Cleveland, OH*

- 14-week C# coding boot camp that teaches students how to develop dynamic web-based software systems using the C# programming language and .NET framework.

### Southern Alberta Institute of Technology

*Software Development Diploma*

**September 2017 – May 2018**

*Calgary, AB*

- Maintained 4.0 GPA
- Member of Phi Theta Kappa Honor Society
- Member of the Professional IT Collaboration Hub

## TECHNICAL EXPERIENCE AND PROJECTS

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- **National Parks Weather Service:** A web application developed with the ASP.NET Core MVC framework. Users can view National Parks and detail info for each park, view a 5 day weather forecast for any park and convert from Fahrenheit to Celsius (their selection is stored in session and remembered). Users can fill out a survey about their favorite national park which is then sent to a database.
- **National Parks Campsite Reservation:** A C# application which reads from and writes to an SQL database. Users have the ability to view available campsites for their selected dates and make reservations. Created and ran integration tests during development. then sent to a database.
- **Vending Machine Software:** A C# CLI application representing a virtual vending machine. Keeps track of inventory of machine, customers may feed money, gives change to customers, dispenses items, reads from input file and writes sales report to an output file.

## WORK EXPERIENCE AND VOLUNTEERING

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- **Calgary Public Library**  
*Computer Technology Volunteer*

**February 2018 – August 2018**