# Personal Biography

## About

My name is Zach Carlson, and I am a 5th year Computer Science student at the University of Cincinnati. My main passions associated with computer science are Artificial Intelligence, algorithms, software development, and web development.

## Contact

My email address is [carlsozl@mail.uc.edu](mailto:carlsozl@mail.uc.edu)

## Co-op Experience

1. American Cutting Edge

* Worked from August 2020 – December 2020
* IT Intern
* Derived a Price Analysis, executed inventory management in the backend of the website organized containers for an on-going company warehouse move, and also constructed numerous monthly reports.

1. American Cutting Edge

* Worked from May 2021 – August 2021
* IT Intern
* Led inventory consolidation, executed creation of part numbers, Worked on Front-end Development for a new company website.

1. Siemens

* Worked from January 2022 – May 2022
* Strategic Student Program Software Development Co-Op
* Worked as a Web Developer using JavaScript, AngularJS, and HTML on Siemens created website called Solution Link.

1. Siemens

* Worked from August 2022 – December 2022
* Strategic Student Program Software Development Co-Op
* Worked as web developer using HTML, JavaScript, AngularJs, C#, and SQL on a company website called Solution Link. Coded new filters and tabs for numerous pages. Changed titles in HTML to constants to maintain reusability.

1. Siemens

* Worked from May 2023 – August 2023
* Strategic Student Program Software Development Co-Op
* Developed and deployed new features for company website Solution Link using HTML, CSS, JavaScript, Angular JS and C#. Fixed numerous website bugs, improved frontend and backend website development skills.

## Projects Sought

I currently don’t have a clear grasp as to what I would like to create for my Senior Design Project. I have a couple of ideas, but I am not set on one yet.

* Artificial Intelligence Model
* Machine Learning Data Model
* Website
* Stock Prediction Model
* Sports Prediction Model
* Artificial Intelligence Video Game