# Tim McCabe

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## Education

**University of Cincinnati** — Bachelor of Science in Computer Science          *Expected 2021*

GPA 3.92, University Honors Program, Cincinnatus Excellence Scholarship, National Merit Scholar

Minor in Mathematics

## Experience

**Software Development Co-op** — Siemens PLM Software, Milford, OH          *Jan 2018 - Present*

◦ Developing automated testing software in Java

◦ Creating a Node.js server to store test cases and results and coordinate test runs

◦ Redesigning the user interface of a Chrome extension using Bootstrap

◦ Fixing bugs in a C#/AngularJS full-stack application

◦ Modernizing the user interface of an AngularJS website using Material design

◦ Fixing and creating automated site tests in C#

**IT Support** — Crisis Intervention and Recovery Center, Canton, OH          *Jun 2016 - Aug 2017*

◦ Created training materials and training staff to use the new electronic health record (EHR) system

◦ Worked with mental health professionals to determine the best EHR practices for staff

◦ Wrote drafts of policy related to naloxone administration

◦ Remotely transferred the doctor's handwritten notes into electronic medical records

◦ Started volunteering in June of 2014 and was hired after two years of steady productivity and ambition

## Skills

*Proficient* — Node.js, Java, JavaScript, React, and C++

*Familiar* — AngularJS, C#, Python, MATLAB, and Clojure

## Projects

*Engineering Models II Honors Experience* — University of Cincinnati          *Jan 2017 - Apr 2017*

JavaScript golf simulator based on models of aerodynamic forces developed and tested in MATLAB

*Super Mario Kart AI* — University of Cincinnati          *Nov 2017 - Dec 2017*

Neural network written in Python that learns to play Super Mario Kart using a genetic algorithm

*Generic Blog Platform* — https://github.com/sir-tim-mccabe/Generic-Blog          *Oct 2018 - Nov 2018*

Blog website written in Node.js and React with OpenAPI 2.0 documentation