

Tim McCabe

timmcca.be

me@timmcca.be

(330) 413-5633

Education

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

GPA 3.92, University Honors Program, Cincinnati 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/timmcca-be/Generic-Blog> *Oct 2018 - Nov 2018*

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