

Tim McCabe

timmcca.be

me@timmcca.be

(330) 413-5633

Education

University of Cincinnati — BS in Computer Science, Minor in Mathematics *Expected 2021*

GPA 3.93, University Honors Program, National Merit Scholar

Experience

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

- Developed automated testing software in Java
- Created a Node.js server to store test cases and results and coordinate test runs
- Redesigned the user interface of a Chrome extension using Bootstrap
- Fixed bugs in a C#/AngularJS full-stack application
- Modernized the user interface of an AngularJS website using Material design
- Fixed and created 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

PAG Tour — github.com/ModelsHonorsExp/ModelsHonorsExp.github.io *Jan 2017 - Apr 2017*

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

Super Mario Kart AI — github.com/timmcca-be/Mario-Kart-AI *Nov 2017 - Dec 2017*

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

Generic Blog Platform — github.com/timmcca-be/Generic-Blog *Oct 2018 - Nov 2018*

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

Speedrun Timer — github.com/timmcca-be/Speedrun-Timer *Aug 2017 - Sep 2017*

Android app with a precise countdown timer and audio cues