

## Contact

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[www.linkedin.com/in/a-mcculley](http://www.linkedin.com/in/a-mcculley)  
(LinkedIn)  
[www.github.com/a-mcculley](http://www.github.com/a-mcculley)  
(Portfolio)  
[a-mcculley.github.io/](http://a-mcculley.github.io/) (Personal)

## Top Skills

C++  
JavaScript  
Artificial Intelligence (AI)

## Languages

English (Native or Bilingual)  
French (Elementary)

## Certifications

Certified Internet Webmaster  
JavaScript Specialist

## Honors-Awards

1. Magna Cum Laude
3. Dean's List
2. University Honors
4. President's Honor List
6. Summa Cum Laude

# Austin McCulley

Seeking Software Engineering Positions | Bachelor's in Computer Science @ University of Michigan Ann Arbor (with Political Science Minor) | Self-Employed Tutor  
Ann Arbor, Michigan, United States

## Summary

Austin is a graduate from the University of Michigan College of Engineering with a degree in Computer Science and a minor in Political Science. During his time studying Computer Science, he didn't focus on any particular subfields. The subfield he has the most experience with is front end development, though he is very interested in AI and Programming Language theory. Beyond that, he is a jack of all trades. In his Political Science minor, he focused on the Political Theory and American Politics subfields.

Additionally, Austin served as an Instructional Aide for the course "EECS 281 Data Structures and Algorithms" at the University of Michigan Ann Arbor for 6 semesters. The course in question would typically have around 1000 students. Responsibilities for this position included teaching a lab lecture, holding office hours to help students debug, and involvement in the exam process (writing questions, writing instructor's solutions, proctoring, grading). Some noteworthy experiences included volunteering - sometimes on very short notice - to lead the grading teams multiple times, mentoring new staff for the 5 semesters following my first, and receiving an average anonymous feedback score of 5/5 on his final two semesters of teaching (with an above average response rate). Additionally, Austin has privately tutored since graduating, with around 30 unique students and an average review score of 5 stars. He has primarily tutored introductory college computer science, with some high school students and some more advanced collegiate computer science. A more detailed description of the responsibilities associated with both positions is available on his resume and in the experience section of this LinkedIn page.

Austin is seeking work in a Software Engineering position, and is open to work in any subfield (Front End, Back End, Full Stack, etc).

For more information, please see the featured "Extended About Me" document.

Programming Languages: C++, Python, Java, JavaScript, HTML, CSS, C, Scheme, Vue, jQuery, Matlab, JSON, R, OCaml, Regex, Bash, Bootstrap, LC2K, Assembly, Prolog, uC, LaTeX

Tools: Git, Valgrind, Perf, Linux/Unix, numpy, Python Coverage Package, gcov, EvoSuite, American Fuzzy Lop, CodeSonar, Infer, Virtualbox, tensorflow, QISKIT, vim, gdb, AJAX, Photoshop, Google Suite, Microsoft Office Suite, WSL

Finally, though it's included in my Contact Me section, website, and resume, I will reiterate my contact information for your convenience:

Phone Number: (810) 358-4585

Email 1: amcculley19@gmail.com

Email 2: mcculley@umich.edu

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## Experience

### Self Employed

#### Private Tutor

October 2023 - Present (10 months)

Ann Arbor, Michigan, United States

I am running an independent tutoring business that has 30 unique clients so far and an average rating of 5 stars. Thus far have mostly done lessons online, though I have met in person upon request. Am open to tutor a number of subjects, but thus far have only had computer science students. Am open to any level, but typically have been teaching college introductory level computer science, though I do have some high school students and some more advanced collegiate computer science students.

Responsibilities include:

Helping students go over their course material in order to solidify understanding.

Helping students understand the concepts their homeworks or projects are covering.

Helping students review for tests or exams and going over the results in order to improve.

Constructing custom lessons and problem sets in order to further student understandings of topics.

## University of Michigan

### Instructional Aide

August 2021 - June 2023 (1 year 11 months)

Ann Arbor, Michigan, United States

Taught a weekly (twice weekly in Spring) 2-Hour lab section on Data Structures and Algorithms (EECS 281).

Held one-on-one office hours for project debugging and course content questions.

Wrote, proctored, and graded exams, including leading the grading team on free response questions and writing the instructor's solutions.

Mentored new instructional aides every semester following first semester teaching.

Developed strong fundamentals from teaching a keystone course for 6 semesters.

For my final 2 semesters, received average anonymous feedback score of 5.0/5.0

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## Education

### University of Michigan

Bachelor's degree, Computer Science · (August 2019 - April 2023)

### St. Clair County Community College

Computer Science · (August 2017 - May 2019)

### Port Huron High School

