

# Robert Miner

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## EDUCATION

**University of Michigan College of Literature, Science and the Arts**

**Ann Arbor, MI**

GPA: 3.9/4.0

**Sept. 2019 – April 2023**

Received a B.S. with Distinction in Computer Science with a minor in Music

## PROFESSIONAL EXPERIENCE

### Epic Systems

**Verona, WI**

*Software Developer, EpicCare Link*

**Aug. 2023 – Present**

- Sole developer responsible for overhauling and optimizing our login logic by creating an algorithm to automatically determine suitable login environments
  - End result: eliminated 2.2 million clicks per month for our customers and reduced processing time by 4 hours per month
- Use C# and TypeScript to modernize our web app's outdated Visual Basic shell. The new shell is more responsive, easier to use, and provides additional functionality
- Lead biweekly strategizing meetings for a team of 7 people. Responsible for assigning work to team members and performing data analysis to measure productivity and set goals

### Qualtrics

**Seattle, WA**

*Software Development Engineering Intern, CX Healthcare*

**June – Aug. 2022**

- Solely responsible for the development and deployment of a web portal that saved an estimated 120 days of engineering time per year
- Built the front-end from scratch with React and CSS and integrated with custom-built REST API
- Wrote a comprehensive 1,200-line suite of unit tests using Jest and React Testing Library

### DTE Energy

**Detroit, MI**

*Intern, IT & Cybersecurity*

**Summers 2019, 2020, 2021**

- Managed over 10,000 unique accounts in Microsoft Azure and obtained an AZ-900 certification
- Led development of a Microsoft Teams chat-bot that interprets and answers user questions

### University of Michigan, Ann Arbor

**Ann Arbor, MI**

*Research Assistant, Ericson Lab, School of Information*

**Sept. 2020 – April 2021**

- Wrote, proofread, and revised sections of an open-source [Python e-book](#) to pair with the "Python for Everybody" courses on Coursera, which have been taken by millions of people

## PERSONAL PROJECTS & OPEN-SOURCE CONTRIBUTIONS

### Chess GPT

- Built a website using OpenAI's API endpoints, TypeScript, React, and SASS where users can play chess against ChatGPT – but be careful, it might not follow the rules!
- Used pipeline processing to convert initial response into internal chess notation

### quick-lint-js

[github.com/quick-lint/quick-lint-js](https://github.com/quick-lint/quick-lint-js)

*Contributed to open-source JavaScript Linter*

- [Developed a warning](#) for integers which will lose precision & improved HTML and JSX [parsing](#)

## SKILLS

TypeScript, C#, SASS/CSS, React, HTML, Python, C/C++, JavaScript, SQL, Microsoft Azure (AZ-900 cert)

## AWARDS

EECS Scholar 2020-2022 (cumulative CS GPA  $\geq 3.9$ ), James B. Angell Scholar (all A/A+'s consecutively) x2, Sophomore Honors Award with Distinction (outstanding student achievement and engagement)