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   **Sept. 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- Use C# and TypeScript to modernize our web app's outdated Visual Basic shell.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 strategy 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
- Contributed to a highly performant, 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 >=3.9), James B. Angell Scholar (all A/A+'s consecutively) x2, Sophomore Honors Award with Distinction (outstanding student achievement and engagement)