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

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
- Trained 400 employees in Microsoft Teams functionality and best practices

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
- Worked with the research team to publish my changes in the live version of the e-book

PERSONAL PROJECTS & OPEN-SOURCE CONTRIBUTIONS

quick-lint-js   github.com/quick-lint/quick-lint-js
Contributed to open-source JavaScript Linter
- Researched and implemented a warning for integers which would lose precision
- Improved HTML and JSX parsing

Python for Everybody   runestone.academy/runestone/books/published/py4e-int/index.html
Contributed to open-source introductory Python e-book
- Wrote and revised chapters and exercises teaching basic Python syntax and data structures

Portfolio Website   github.com/robminer6/personal-website
- Built a website using HTML/CSS with detailed information about my skills and projects

SKILLS

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

AWARDS

EECS Scholar 2020-2021 and 2021-2022 (cumulative GPA of >=3.9), Sophomore Honors Award with Distinction (outstanding student achievement and engagement), James B. Angell Scholar (all A's for consecutive terms) x2, University Honors x6 (>=3.5 GPA during term), National Merit Scholar

ACTIVITIES

University of Michigan Men's Glee Club (member, Stage Manager, Tickets Manager), RC Players, Gilbert and Sullivan Society, Survivor: Michigan