Michael Stowe

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EXPERIENCE

University of Michigan — *Web Developer*   NOVEMBER 2019 - PRESENT | Ann Arbor, MI

- Developed and maintained a website for the Michigan Materials Research Institute within the University of Michigan used by hundreds of faculty and students across the university.
- Implemented features for user interactivity using HTML, CSS, JavaScript, and PHP.

Culver Academies — *Coding Instructor*   MAY 2019 - AUGUST 2019 | Culver, IN

- Taught three classes to high school students featuring topics in Python programming and web development.
- Gave lectures and created projects to lead students through the fundamentals of Python and basic object-oriented programming.
- Led interactive lessons to guide students through the process of creating a simple personal website.

University of Michigan — *Peer Mentor/Recruiter*   AUGUST 2018 - APRIL 2019 | Ann Arbor, MI

- Led a group of students through interdisciplinary projects focused on creativity.
- Provided information and resources to current and incoming students.
- Managed recruitment events to gauge interest for following semesters.

PROJECTS

Mission O-Possumble   (C#, Unity)

- An original video game made from scratch in Unity with a team of three other students.
- Used an Agile workflow and time management software to make all original assets and artwork
- Won second place at the Umich and EMU showcase at the end of the semester.

Instagram Clone   (Python/Flask, JavaScript/React, HTML/CSS, SQL)

- Created a fully user-interactive Instagram clone
- Utilized HTML templating with Flask/Jinja, REST APIs, server-side and client-side dynamic concepts, AWS deployment, and user experience concepts using ReactJS.

EDUCATION

University of Michigan — B.S.E, *Computer Science*

SEPTEMBER 2017 - MAY 2021 | Ann Arbor, MI

Relevant Courses:

EECS 494 - Computer Game Design and Development

EECS 485 - Web Systems

EECS 498 - Applied Machine Learning for Affective Computing

EECS 481 - Software Engineering

EECS 388 - Intro to Computer Security

EECS 281 - Data Structures and Algorithms

TECHNICAL SKILLS

Languages & Technologies: C, C++, C#, Python, HTML, CSS, Flask, JavaScript, ReactJS, Java, Kotlin, PHP, SQL, Go, Agile Development

Software: Unity, Linux Systems, WordPress, Git, JetBrains IDEs, Android Studio, Microsoft Visual Studio/VS Code, Jira, Adobe Creative Suite, GIMP

Additional Skills: Problem Solving, Creativity, Leadership, Time Management