

Abbie Tooman

(513) 907-9745 • Ann Arbor, MI • atooman@umich.edu

SUMMARY

Diligent and inquisitive computer science student with a keen desire to explore and excel in the field of software development. Passionate about promoting community and a collaborative environment demonstrated by various leadership roles.

EDUCATION

University of Michigan | Bachelor of Science in Engineering in Computer Science Expected May 2024

- GPA: 3.57/4.0
- *Relevant Coursework:* Data Structures and Algorithms, Calculus, Linear Algebra, Discrete Math, Mobile App Development for Entrepreneurs (FA23), Web Systems (FA23)

Institute For Study Abroad Prague | Technology Career Accelerator February-May 2024

- *Relevant Coursework:* Architecture and Design in Prague, Database Management Systems, Introduction to Artificial Intelligence, Tech, Ethics, and Public Policy, Communication for Tech Sector

WORK EXPERIENCE

Dick's Sporting Goods | Software Development Intern May 2023-Present

- Built a server-side notification application using Kotlin to expose a set of API endpoints
- Developed logging and auditing service via API and database integration for notification service
- Utilized Next.js framework to create a React application to visually present the logging and auditing feature
- Bolstered collaborative coding practices by utilizing CI/CD pipeline within the developmental process and engaging in partner coding

Accumtech | Software Development Intern May-August 2022

- Addressed 50+ error reports to add features and resolve bugs on company portal
- Created original program to manipulate background of cell rows on company portal
- Designed and created new page for company portal to merge client information
- Communicated and reviewed code designs with superiors to optimize the complexity of programs

ACTIVITIES

Kappa Theta Pi | Member September 2021-Present

- Worked on development team to create a mobile application for the organization
- Developed networking skills through organizing mock interviews with 65+ active members

Miss STEM Careers | Member September 2021-Present

- Designed a computer science workshop for middle school girls to generate interest in technology field
- Coordinated with industry professionals to organize a guest speaker for the event

PROJECT EXPERIENCE

Customizable Generative AI Application | Dick's Sporting Goods Hackathon July 19-21 2023

- Served as a product manager in orchestrating marketing strategy formulation and target audience profiling
- Fine-tuned ChatGPT on DSG product data for generative AI-powered customer support prototype
- Developed an interactive chat box for a mobile application using Android Studio and React Native

Personal Website | August 2021

- Conceptualized and executed the application's user interface by creating an engaging and interactive web application using HTML and CSS
- Employed JavaScript to introduce enhanced functionality and user interaction to web application

SKILLS

Extensive experience with C++, HTML, CSS, Javascript, and React Native | Familiarity with Kotlin, SQL, and C#