

Ahmed Al-Manssori

313-398-0217 • Ahmedat@umich.edu • www.linkedin.com/in/ahmed-al-manssori200/

SKILLS

C | C++ | JavaScript | Java | SQL | React | TypeScript | HTML | CSS | Node.js | API | Vue.js | jQuery | AJAX | WordPress | Azure | Ubuntu | DevOps | Bootstrap | Test-driven Development | Tailwind.css | GitHub | Xcode | Figma | Canva | Gcov | Cobertura | American Fuzzy Loop | EvoSuite | CodeSonar | Facebook's Infer | Gemini

WORK EXPERIENCE

Outlier | Remote (United States)

Contract AI Software Engineer, (March 2024 – Current)

- Evaluated quality of AI-generated code while writing robust test cases to confirm code correctness and efficiency
- Submitted over 90 feedback reports on AI-generated code to improve AI model responses and find areas of improvement among multiple large language models such as Google's Gemini and GPT models.
- Debugged four areas of weakness in the client's model responses that were leading to incorrect JavaScript output

Sports Media Inc | Severance, CO

Software Engineer Intern, (August 2023 - December 2023)

- Utilized A/B testing and the Cobertura software to calculate code and test case coverage for 6 critical site features
- Spearheaded a website redesign using React, Bootstrap, and Node.js, creating a highly interactive, responsive landing page that significantly improved user experience and engagement
- Implemented a test-driven development approach, writing over 12 integration tests to ensure new changes did not introduce bugs or regressions in any part of the website
- Employed interface development measurements such as Nielsen's usability heuristics and other project to improve user accessibility of the website landing page

Best Buy | Dearborn, Michigan

Customer Service Representative, (January 2020 - October 2021)

- Assisted dozens of customers daily, providing guidance on computer hardware components such as CPUs, GPUs, motherboards, and storage solutions, while developing strong problem-solving and customer service skills.

PROJECTS

Unmute voice transcription App | <https://unmute-ik5n.vercel.app/>

- Developed a web app using Symphonic Labs API to analyze non-verbal lip movements, generating real-time speech and captions from input videos to enhance accessibility.
- Designed an MVP using Agile development, iteratively testing with over 20 deaf and hard-of-hearing users to ensure the app enabled communication via lip movements before final publication

ABSA Network Website | <https://www.absanetwork.com/>

- Engineered a website for the ABSA Network, using React, Node.js, and CSS to develop 4 main key features including a donation platform and a question board to enhance user engagement and functionality

Zombie Walking Deadline Game | github.com/Ahmedatal/Zombie

- Built a copy of the video game *Plants vs. Zombies* using multiple algorithms such as stacks, deques, and queues while maintaining linear space and time complexity using a hash table

Bootstrap Open-Source Bug Fixing | github.com/Ahmedatal/bootstrap

- Forked bug fixes for the open source Bootstrap framework - Bug #39199 on the Bootstrap Github
- Utilized many software engineering tools, such as EvoSuite and CodeSonar to track and profile 3 important bugs located within the project files while submitting feedback reports to the framework's main software developers

EDUCATION

University of Michigan | Ann Arbor, MI

Bachelors of Science in Computer Science, (August 2021 - Dec 2024)

Coursework: Data Structures and Algorithms, Discrete Mathematics, Computer Organization, Software Engineering, User Interface Development, Introduction to Cryptography, Mobile App Development, and Introduction to Artificial Intelligence