

# ZICHEN (CHARLIE) ZHANG

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## EDUCATION

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[University of Michigan](#), Ann Arbor, MI Aug 2022 - Present

GPA 4.0, Computer Science (B.S.)

## SKILLS

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- Languages: C/C++, Python, Go, JavaScript
- Frameworks/Tools: Pytorch, Numpy, React.js, Git, MySQL, Django, Flask

## EXPERIENCE

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Android Team Member, [Michigan Hackers](#), Ann Arbor, MI Sep 2022 - Dec 2022

Java/Android/Git

- Helped to build MWalk, a walking app that tracks U-M students' walking workouts, speed and distance, using **Health Platform API** and **Firebase**

Research Assistant, [U-M Direct Brain Interface Lab](#), Ann Arbor, MI Sep 2022 - Apr 2023

JavaScript

- Deployed the branch logics of the brain-computer interface survey instrument in Qualtrics (hosted on JavaScript Form Engine) and implemented the automated user interaction functionalities in **JavaScript APIs**, lowering error rate by 34%
- Distributed the survey with guidance from the international BCI research team to over 100 respondents and recorded data on the frequency of different extrinsic and intrinsic factors

## SIDE PROJECTS

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[Personal Blog Website](#) Dec 2022 - Jan 2023

CSS/JavaScript/Git

- Implemented a personal website that includes personal information, work experience, blogs and contact information, which is deployed on GitHub Pages