

Nathaniel Liu

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EDUCATION

Honors Bachelor of Science in Biomedical Engineering | Minor in Computer & Data Analytics Expected: May 2025
University of Arkansas, Fayetteville, AR

WORK EXPERIENCE

Institute for Innovative and Integrative Research (I³R) Lab Assistant February 2023 - Present

- Assisted in computer programming and experimentation for Adaptive Neural Systems Group

McMillon Innovation Studio Project Leader August 2023 - Present

- Led an entrepreneurial design team focused on improving preventive health outcomes

UNPAID EXPERIENCE

McMillon Innovation Studio Product Team Member January 2022 – May 2023

- Designed a product and conducted customer discovery towards making healthcare accessible to small businesses in partnership with Community Clinic

NWA Biodesign Sprints Health Hackathon November 2022

- Designed a patent viable solution for real time urodynamic screening of patients with impaired nervous systems

WelcomeHealth Clinic Volunteer January 2023 – May 2023

- Collected vitals of underserved community members and assisted medical professionals 4 hrs/week

Engineering World Health (EWH) Treasurer May 2022 - Present

- Coordinated funding and events for biomedical design teams submitting to the EWH national design competition

Cross Cultural Mentor May 2022 - Present

- Volunteered as a trained mentor to facilitate student engagement, communication barriers, and cultural adaptation with over 200 international students

International Conversation Club Group Leader February 2022 - Present

- Facilitated meaningful conversations and relationships to help international students develop better English skills

SKILLS

- Programming languages: C++, Python, Matlab, SQL, R, Java
- Experienced in AutoCAD 2012/2020, Solidworks, Microsoft Visual Studio, Microsoft Office Suite