# Daniel Xiao

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## EDUCATION

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| **University of North Texas** | Denton, TX |
| *Bachelor of Science in Computer Science, 4.0/4.0* | *Aug. 2021 – May 2023* |
| **University of Michigan** | Ann Arbor, MI |
| *Bachelor of Science in Computer Science, Minor in Business* | *Aug. 2023 – May 2025* |

## EXPERIENCE

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| **Undergraduate Research Assistant** | October 2021 – Present |
| *University of North Texas* | *Denton, TX* |

- Worked with Dr. Timothy McMahan in the UNT Department of Learning Technologies to help improve Virtual Environment Grocery Store (VEGS) using Unity, and PHP
- Created a database for holding and processing user data
- Publication in progress

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| **Software Development Intern** | Summer 2021 |
| *MavenCode* | *Southlake, TX* |

- Created a large-scale document processor using React JavaScript, Bootstrap CSS, and Python
- Worked with team members to commit and revise GitHub pull requests

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| **Active Developer** | Dec. 2021 – Aug. 2022 |
| *Reach4Help* | *Remote* |

- Made thousands of code edits in the main repository
- Attended weekly meetings to discuss the project
- Helped other volunteer organizations find volunteers during the Covid pandemic

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| **Secretary** | Jan. 2022 – Present |
| *UNT Chess Club* | *University of North Texas* |

- Created club website from scratch
- Handled funding for volunteering activities and tournaments
- Grew club by 50 members while on the board

## HACKATHONS

**Second Wind** | *React, Twilio, Docker* — 2nd Place Overall @ PantherHacks

- Developed a full-stack web application using with a Raspberry PI serving an Android app with React as the frontend
- Created a GitHub repository for Collaboration
- Used Twilio to send alerts and TensorFlow to track changes with machine learning

**Black Spot** | *React, Git, Tensorflow* — 2nd Place Overall @ HackTAMS

- Developed a full-stack application to detect skin cancer using melanoma residue
- Used Tensorflow to dynamically detect melanoma based on past data

**Helping Hand** | *React, MongoDB, Tensorflow* — Winner @ OneHacks II

- Developed a full-stack application to detect carpal tunnel syndrome
- Used Tensorflow to dynamically detect changes in hand position

## TECHNICAL SKILLS

**Languages**: Java, C/C++, PHP, JavaScript, HTML/CSS
**Frameworks**: React, Node.js, Flask, MongoDB
**Developer Tools**: Git, Docker, VS Code, Visual Studio, IntelliJ, Eclipse
**Olympiads**: USA Coding Olympiad (USACO) Silver Division