

# Michael Dinh

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## EDUCATION

### University of Wisconsin - Madison

Aug. 2021 – May 2025

*Bachelor of Science of Computer Science, Minors in Business, Entrepreneurship, Risk Management,*

- GPA: 3.93/4.0
- **Current Coursework:** Digital Marketing, Strategic Pricing, Big Data
- **Past Coursework:** Risk Management, Marketing, Accounting, Databases, User Interface Design, Algorithms, Computer Graphics, Discrete Math, Linear Algebra

## Languages and Technologies

**Languages/Concepts :** C#, C, Java, JavaScript, MySQL/SQL, asp.net, React, Node, Python, Dart, RESTful APIs, Entity Framework, QBatis, Dapper

**Tools :** Azure Data Studio, CI/CD pipelines, Bootstrap, Git, Flutter, Spring Boot, Firebase, Figma

## WORK EXPERIENCE

### Quad

June 2024 – Present

*Full Stack Software Development Intern*

Sussex, WI

- Helped modernize a legacy WinForms application to a React-based web platform, improving the proprietary magazine publication software.
- Designed 10+ customizable React settings windows, reducing customer workflow time.
- Engineered 3 WinForms commands, enabling staff to manage magazine databases more efficiently .
- Technologies: React, C, Entity Framework, RESTful APIs, Azure DevOps, and CI/CD pipelines to deliver high-performance solutions.

### BadgerBots

June 2023 – Aug. 2023

*Course Instructor*

Middleton, WI

- Created 15 3-hour lesson plans for 130+ children (ages 6-8), teaching foundational robotics using Lego Spike and Scratch.
- Adapted teaching methods to diverse learning styles, fostering creativity and problem-solving.

### UW-Division of IT (DoIT)

June 2022 – May 2024

*Help Desk Specialist*

Madison, WI

- Resolved 1000+ technical support cases for the UW-Madison community, achieving a 98% customer satisfaction rate.
- Maintained an average case resolution time of under 15 minutes, exceeding benchmarks by 20%.

## TECHNICAL PROJECTS

### ScholarHub | *Figma, React, Java, REST API, Spring Boot*

February 2024

*Full Stack Web Developer*

- Developed a web platform for 50+ students to connect with academic resources and peer tutors during a 24-hour hackathon.
- Learned Spring Boot within 24 hours and implemented a REST API for user authentication and data storage of 50+ concurrent users.
- Designed a responsive React front-end, increasing user engagement by 20%.

### Stock Trader App | *Figma, Flutter, Firebase*

November 2023

*Front End Mobile App Developer*

- Built an investment simulator app to teach personal finance concepts to 50+ users.
- Implemented Firebase for user account management, including transaction history, portfolio balances, and watchlists, achieving 99% data accuracy.
- Integrated third-party APIS for real-time stock market tracking of 5,000+ stocks.

## Leadership & Activities

Mercile J. Lee Scholars Program - *Inclusion and Diversity Chair, Social Chair*

2022 - Present

- Increased program engagement by 20% by organizing 10+ events promoting diversity and inclusion, reaching 300+ participants and fostering a more inclusive campus community.

## Other Interests

Running an eBay store with a 100% satisfaction rate, Baking, Weightlifting, following the NBA and NFL