

Michelle Dong

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EDUCATION

Macalester College, Saint Paul, MN

Bachelor of Arts Degree Expected **May 2025**

Major(s): Computer Science, Economics *Minor(s)*: Mathematics

GPA: 3.97

Honors/Awards: Harold S. Geneen Charitable Trust Scholarship, Dean's List, Questbridge Scholar

Relevant Coursework: Object Oriented Programming, Algorithm Design and Analysis, Software Design and Development, Computer Systems, Statistical Machine Learning, Network Science, AI Robotics

RELEVANT EXPERIENCE

Macalester College

Saint Paul, MN

Probability Teacher's Assistant

Spring 2024

Supplemental Instructor for Intermediate Microeconomics

Fall 2023

- Prepare comprehensive and targeted review materials for students taking Intermediate Microeconomics
- Facilitate collaborative learning sessions to increase student comprehension and course performance

Linear Algebra Teacher's Assistant

Spring 2023

Applied Multivariable Calculus II Teacher's Assistant

Fall 2022

- Assisted professor in grading approximately 25 assignments per week, holding 4 hours of weekly office hours, and contributing to overall improvements in students' conceptual understanding

Carnegie Mellon's Research Experiences for Undergraduates in Software Engineering

Pittsburgh, PA

Mint Lab Research Intern

Summer 2023

- Conducted qualitative research on "User Awareness of Social Media Algorithms", specifically Algorithm Awareness and the Nonuse of TikTok
- As a team of 3, collaborated on all phases of the research process, from defining research questions to interviewing 25 participants and generating over 200 codes using Dedoose for data analysis
- Delivered research findings through informative poster presentation

Codepath

Virtual

Web Dev 101, Technical Interview Prep

Spring 2023

- Completed Codepath's Web Dev 101 and Technical Interview Prep courses in a virtual format, expanding my knowledge in web development and sharpening my technical interview skills
- Independently pursued these courses outside of my formal education to proactively prepare for opportunities

MacMentors

Saint Paul, MN

Cocoordinator and Student Mentor

Fall 2021 - Spring 2023

- Led mentoring sessions, facilitated discussions, and coordinated event logistics
- Shared personal experiences to provide guidance and support to mentees
- Assisted mentees in navigating the college application process, guiding them through each step

Citi EarlyID Leadership Program

Virtual

Women's Leadership, PBWMT Mentee

Spring 2023

- Selected for Citi's Early ID program, a five-week virtual program guiding participants through the intern recruiting process, offering virtual technical training, business-focused workshops, and mentorship.
- Earned an interview opportunity through the Early ID program

PROJECTS

Exquisite Corpse

Web app to create exquisite corpse stories with friends. Can be played either locally on one laptop or remotely, with a host creating a room code and other players joining. Built with Vue 3 and Firebase

- Learned independently Vue 3 and Firebase to contribute to the project's development, debugging, and extensive testing
- Conducted user testing to refine the app's usability and overall user experience

TicTacToe with AI

Java-based TicTacToe game offering both multiplayer and AI gameplay modes with adjustable difficulty levels

- Collaboratively implemented TicTacToe with 2D arrays and HashSet; improved AI using minimax algorithm and pruning

SKILLS

Languages: Python, Java, R, SQL, Html, CSS, JavaScript, C, Vue.js

Software: VSCode, RStudio, Stata, Dedoose, Github, Microsoft Office