

Michelle Dong

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Brooklyn, NY, 11220, USA

EDUCATION

Macalester College

BA Computer Science and Economics

05/2025, Saint Paul, MN

GPA: 3.96

Stuyvesant High School

Questbridge Finalist, National Merit

Commended Student, AP Scholar with

Distinction, Varsity Badminton

06/2021, New York, NY

RELEVANT COURSES

- Algorithm Design and Analysis
- Software Design and Development
- Linear Algebra
- Statistical Machine Learning
- Discrete Math
- Computer systems

ADDITIONAL COURSES

- [CodePath: Web101](#)
- Data Science: R Basics - Harvardx
- [Start the UX Design Process: Empathize, Define, and Ideate](#) - Google and offered through Coursera
- [Foundations: Data, Data, Everywhere](#) - Google and offered through Coursera
- CS50's Introduction to Computer Science - Harvardx (In Progress)

SKILLS

- Java
- Experience with Python, RStudio, SQL, Html, C, and JavaScript

EXPERIENCES

Carnegie Mellon's Research Experiences for Undergraduates in

Software Engineering

Pittsburgh, PA

Summer research intern

May 2023 - Present

Conduct cutting-edge research in interdisciplinary software engineering.

- User Awareness of Social Media Algorithms

Macalester MSCS

Saint Paul, MN

Preceptor

Sept. 2022 - Present

Applied Multivariable Calculus II Preceptor

Incoming Linear Algebra Preceptor

Assist professor with grading assignments, holding office hours, and supporting students, improving conceptual understanding

MacMentors

Saint Paul, MN

Cocoordinator and Student Mentor

Sept. 2021 - Present

The Mac Mentorship Program serves to prepare students in the NHCC TRIO Upward Bound program for their college journey

- Lead mentoring sessions, facilitate discussions, and coordinating event details
- Offer advice to mentees by sharing personal experiences
- Guide mentees in planning for each step of the college application process

Citi EarlyID Leadership Program

Virtual

Women's Leadership, PBWMT

Jan. 2023 - Mar. 2023

Early leadership program to gain insight into Citi technology, career paths, and personal growth

CodePath Web Development

Virtual

WEB 101

Jan. 2023 - Present

Mac Project Corps

Virtual

Intern

Jan. 2022 & Jun. 2022

Mac Project Corps is a virtual immersive micro-internship where students work together to solve a problem for a community partner: Ramsey County office on emergency response and voter turnout

- Communicated target expectations and devise possible resolutions
- Researched available resources and tied together working possibilities
- Integrated findings, restrictions, and new ideas into a proposal presentation