

# NEEL BANGERA

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## EDUCATION

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### University of Michigan - Ann Arbor

Aug. 2025 – May 2028

*B.S.E Computer Science*

*Current GPA: 4.0/4.0*

- Clubs: MRun, U-M Science Olympiad

### Canton High School (Dual Enrollment at Washtenaw Community College)

Aug. 2021–Jun. 2025

*High School Diploma*

*GPA: 4.56/4.0*

- Completed advanced coursework in Calculus III, Linear Algebra, and C++.
- Earned AP Scholar with Distinction three consecutive years.
- Won the Canton App-a-Thon for developing a peer-to-peer messaging app.

## COURSEWORK

**Courses:** Calculus III, Linear Algebra, Intro to C++, Object Features of C++, EECS 280: Programming and Introductory Data Structures, EECS 203: Discrete Math, STATS 280: Honors Introduction to Statistics, ENTR 407: Entrepreneurship Hour

## EXPERIENCE

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### Daewoong Academy | Software Engineering Intern

Jan. 2024 – Aug. 2024

- Developed and styled 10+ dynamic and responsive user-facing educational pages for a new online learning module using React, Next.js, and Tailwind CSS
- Utilized MongoDB to manage over 5,000 educational problems, concept pages, and user authentication data
- Collaborated in an Agile team of 4 to integrate front-end components with back-end APIs using Postman, successfully deploying over 80 new feature pages to the production AWS environment
- Integrated a LaTeX rendering library to display complex mathematical equations and symbols dynamically within the web application, ensuring academic accuracy and readability for STEM content

## PROJECTS

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### Connect 4 | HTML, CSS, JavaScript, Git, VS Code

Jun. 2024

- Developed a fully functional Connect 4 game with both single-player AI and local multiplayer modes.
- Applied game algorithms such as minimax for decision-making.
- Focused on optimizing performance and providing intuitive UI for players.

## SKILLS

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**Languages:** C/C++, Python, Java, JavaScript, HTML/CSS

**Tools:** Git/GitHub, VS Code, MongoDB

**Frameworks:** React, NextJS, Node.js