

Aman Dhruva Thamminana

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EDUCATION

Michigan State University | East Lansing MI | Dec 2024

Bachelor of Science in Computer Science, Computational Mathematics, and Mathematics |
Minor in CMSE, and Entrepreneurship and Innovation |

College of Engineering | College of Natural Science | GPA 3.77 | CS GPA: 4.0 | Math GPA 3.57

Relevant Courses by Spring 2022: Data Structures, C++, Linear Algebra, Discrete Math, Computer Architecture, Differential Equations, Multi-Variable Calculus, Abstract Algebra and number theory, Formal Mathematical proofs, and iOS Design Lab.

Midland High School | Midland MI | May 2020

High School Diploma

Relevant Courses: AP computer Science, and Web Development.

EXPERIENCE

Institute for Cyber-Enabled Research MSU

September, 2021 – Present

Student Info Assistant

- Applying Ruby on rails to design a portal for High Performance Computing Center
- Designed UI interfaces and implemented it for clients

Department of Mathematics MSU

September, 2021 – December, 2021

Undergraduate Learning Assistant

- Lead review for 2 sections for 81 students
- Graded assignments and lead Math Learning Center
- Helped improve students' scores by 20% over the semester

TECHNICAL SKILLS

COMPUTER PROGRAMING

JAVA (Advanced), C++ (Advanced), Visual Basic (Advanced), Python (Advanced), Swift (Advanced), SQL (Intermediate), Ruby (Intermediate), JavaScript (Intermediate), and ARM assembly (Intermediate)

WEB AND MOBILE DEVELOPMENT

ADOBE XD(Advanced), FIGMA(Advanced), HTML (Advanced), CSS (Advanced), JAVASCRIPT (Intermediate) React(Intermediate), Flutter(Intermediate) and PHOTOSHOP(Intermediate).

MICROSOFT OFFICE

Microsoft Office Specialist Word (Certified), Microsoft Office Specialist Excel (Certified), Excel (Advanced), PowerPoint (Advanced), and Access (Advanced)

COMPUTER AIDED DEISGN

FUSION 360 (Advanced) and INVENTOR (Advanced)

Personal Projects

NLP Sentiment Analysis

Developed ML model to predict positive and negative Tweets using TensorFlow and Python.

iOS App Development

Developed several iOS apps in native Swift.

Recursion backtracking visualizer

Developed a Java project that helps visualize backtracking in sudoku.

Extracurricular activities

iOS code-path Club

September 2020 – December 2020

MSU Engineering Student Council

October 2020 – January 2021

FIRST Robotics

December 2016 – May 2020

Big Brother Big Sister

September 2017 – May 2020

Awards

Dean's list Semi Finalist First Robotics

September 2020 – December 2020

Dean's list MSU

December 2020