

Achuthanand Madanapalli

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EDUCATION

George Mason University (GMU) – Honors College, Fairfax, VA

Graduation: June 2025

Bachelor of Science: Computer Science (Major) and Minor in Business

Relevant Coursework: Python, C Language, Java Data Structures, Marketing, Management, Research, Operating Systems

Dean's List Summer 2023

Langley High School, McLean, VA

Graduation Year: 2022

Relevant Coursework: AP Computer Science, AP English, AP Macroeconomics & Microeconomics, AP BC Calculus, AP Statistics, Programming (Alice, Construct 2, C#), Advanced Computer Science (College-level course)

SKILLS

React, HTML, JavaScript, C programming language, C# (Basics), Java, Python, TensorFlow, sklearn, Pandas, SQL, Unix, Packet Tracer, Research, R, Unit testing (JUnit, Jest, Vitest)

HONORS AND CERTIFICATIONS

- **AWS Cloud Practitioner Certification** - Learning how to navigate through Amazon Web Services.
- **Azure AI Fundamentals** - Learning how to navigate through Azure AI services.
- **TestOut Network Pro Certification** - Learning about connecting hardware network components efficiently.
- **Inspirit Innovators AI Innovation Fellowship Certification** - Machine Learning (ML) Track - Learning about the mechanics of ML and creating a project using logistic regression, KNN, sklearn, pandas, and TensorFlow.

RESEARCH and PROJECTS

- **Artificial Intelligence Bias is a Growing Problem**
Investigated examples of how to overcome the negative effects of AI and documented onto a research paper.
- **Artificial Intelligence's Impact on the Medical Field**
Explored the ethical uses of AI in the medical field with its application and documented onto a research paper.
- **Project 'Solar' - Hackathon at University of Virginia**
Coded JavaScript portion for a scheduling website that allows students to format their routines using HTML & CSS.
- **Project 'Cancer Cell Identifier' - Inspirit AI Innovators Fellowship**
Programmed a logistic regression model that detects whether a cell picture is cancerous or benign using NumPy libraries, Pandas, sklearn, and a Google API.
- **Project 'GradeMe' Team Leader – CS 321 (Software Engineering) (GMU coursework)**
Collaborated with a team over 3 sprints, using Agile, on a grade calculator that allows for account creation and to store grades for numerous classes.
Worked majorly on HTML, CSS, and JavaScript and used Jest for unit testing.
Implemented main business logic and functionality of the website.
- **Project 'Blockchain' – CS 310 (Java Data Structures) (GMU coursework)**
Recreated a simulation of how a blockchain works by navigating through individual transactions as an object using Java linked lists, hash maps, and other data structures.

WORK EXPERIENCE

ICON Service Associate - Showplace Icon Theatres (24 hrs/week)

August 2022 – August 2023

- Helped customers with problems regarding services at the theatres, like technology and following procedures.
- Managed funds on behalf of the theatre.
- Organized props and promotional items.

Sales Representative - Vector Marketing (35 hrs/week)

June 2021 – August 2021

- Marketed Cutco products on behalf of Vector Marketing to customers.
- Sold approximately \$2,400 worth of Cutco products over a month.

VOLUNTEER EXPERIENCES

Hack Overflow Marketing Head - GMU

- Helped in marketing the hardware hackathon.
- Participated in the graphic design and website development.

South Indian Student Association - GMU

- Creative Head – In charge of marketing the club with fundraisers, activities, and developing promotional content.

