

Gaurav Vasudevan

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EDUCATION

Wayne State University, College of Engineering

BS Computer Science

Detroit, Michigan

Expected graduation: May 2028

Major: Computer Science Engineering

Scholarships: Wayne State Scholar Award

Course Work: Introduction to C++, Python

Projects

Faculty Data Generator and Analyzer-Python

- Developed a Python program that generated salary data for **1,000+** faculty members with 100% coverage by assigning names, ranks, and salaries through automated scripts
- Designed a text-based menu system by modularizing functions for lookups, additions, updates, and deletions, resulting in a user-friendly interface with clear navigation.
- Strengthened problem-solving and programming skills by applying loops, conditionals, and input handling, resulting in a functional project that simulates real-world database operations.

Email Data Storage- Python

- Streamlined contact management by implementing a system for adding, updating, and deleting email records, resulting in a simple yet functional personal database.
- Calculated total and average salaries by rank by applying loops, conditionals, and arithmetic operations, resulting in clear insights into salary distribution.
- Demonstrated strong Python programming and data manipulation skills by using modular functions and structured logic, resulting in a fully automated faculty salary simulation.

LEADERSHIP & PROFESSIONAL DEVELOPMENT

Indian Student Association

AV Chair

Detroit, Michigan

July 2025 – Present

- Designed and delivered **10+** promotional flyers, boosting the event attendance by **20%**
- Coordinated with executive chairs to ensure the timely production of visuals through weekly planning sessions.

AWS Club

Member

Detroit, Michigan

September 2025 - Present

- Gaining hands-on experience with AWS by applying cloud services to real-world cases
- Exploring cloud computing concepts and developing foundational knowledge of AWS services.

Indian American Student Association

Member

Troy, Michigan

August 2020 – May 2024

- Involved in a **200+** member organization that prioritized and featured cultural dance performances.
- Explored personal interests in cultural programming and community engagement.

VTS Club

Member

Troy, Michigan

August 2020 – May 2024

- Participated in community service initiatives to support local causes and foster teamwork.
- Collaborated with peers to enhance outreach efforts and volunteer impact.

OTHER SKILLS & INTERESTS

Technical: Canva, GitHub, Google Workspace (intermediate in Sheets), intermediate in CAD, intermediate C++, Microsoft application (intermediate in Excel), Python,

Language: Fluent in Tamil

Interests: Coding, Cameras, Favorite color Red, Formula 1, Football, Golf, Hot Wheels, Legos, Movies, Music, Soccer, Video games