

Divya Prahlad

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Stevens Institute of Technology – Hoboken, NJ

Bachelor of Science in Computer Science, graduating in December 2025

GPA: 3.75

Relevant Coursework

Data Structures
Algorithms

Software Development
Probability and Statistics

Web Development
Computer Architecture

Languages: C++, Python, Java, R, Bash, C, ARMv8, HTML, CSS

Operating Systems: Windows, MacOS, Linux

Work experience

DataAnnotation Tech, June 2024 - August 2024

- Worked with upcoming AI chatbots in order to measure their progress, and evaluated Python code produced by AI models for quality, correctness, and performance
- Came up with diverse problems and wrote high quality solutions for a coding chatbot

Project Work

Stevens Institute of Technology

2023-2024

- Developed C++ programming skills to complete assignments on graph, numeric, search and sort algorithms, time complexity analysis
- Designed a CPU simulator that utilizes four general purpose registers to perform basic arithmetic operations, store data to memory, and load from memory.
 - The datapath had a sequential single clock implementation
 - Created an assembler module in python that translates instructions from ARMv8 assembly language to hexadecimal machine code.

2022-2023

- Created a modular Python application to perform music recommendations for users. The system had a provision to collect information on various artists, genres, etc and their corresponding feedback from users. This data is stored in a database that can be looked up and presented as recommendations based on user choices. The user input was validated for the correct data types and possible values. Test cases and exception handling was also a major success criteria for this project

Clubs and other volunteering work (2018 - 2024)

- Active member of Alpha Phi Omega, an on campus service fraternity; participates regularly in service and leadership events
- Tutored middle school kids to help them become proficient in mathematics and reading comprehension in a private organization.
- Organized and led fundraisers in Girl Up, a school club that raised money to send to underdeveloped countries in order to help girls attain an education.