Jonathan Memoli

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Education

Stevens Institute of Technology | Hoboken NJ

Bachelor of Engineering in Software Engineering   Expected May 2025

Current GPA: 3.9 | Awards: Dean's List, Edwin A. Stevens Scholarship

Extracurriculars: Chess Club, Software Engineering Club

Skills

Programming Languages: Python, HTML/CSS, JavaScript, Java, C++, SQL

Software: GitHub, Arduino programming, Solidworks, AutoDesk Inventor, Word, Excel, PowerPoint

Other: 3D printing, soldering

Projects

Stevens Institute of Technology | Hoboken, NJ

Ping Pong Tracking Website   2022-10 to 2022-12

- Created a user interface where players can view their rankings, other player profiles, and submit games they play
- Collaborated on a database to store games played, individual player statistics, and login tokens for single sign on
- Utilized JavaScript to display individual and overall player data to draw conclusions through a Java backend

Personal Design Project: Iron Man Mask   2021-01 to 2021-02

- 3D printed and assembled all components of the mask to scale
- Fabricated faceplate to open and close using servo motors, and 3D printed joints
- Programmed Arduino circuit to control speed and activation of faceplate

Work Experience

Stevens Academic Support Center | Hoboken, NJ   2022-09 to Present

Undergraduate Tutor

- Managed appointment times and prepared individual lesson material in advance
- Provided in-person instruction to students in differential equations, programming, thermodynamics, and physics to assist with homework as well as exam preparation

McDonalds | Branchburg, NJ   2021-04 to 2022-08

Crew Member

- Collaborated with team members during each shift to process orders in a timely fashion, ensure restaurant cleanliness and restock inventory
- Managed drive-thru process to ensure accurate food orders
- Assisted managers in training new employees