

John A. Grasso

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EDUCATION

Stony Brook University

Bachelor of Science in Computer Engineering

GPA: 3.91

Stony Brook, NY

Expected 2025

WORK & LEADERSHIP EXPERIENCE

Walmart

Team Associate, Meat and Produce

Levittown, NY

Jan 2022 – Present

- Provided fast and gracious customer service.
- Designed new methods of stocking effectively through the usage of pre-existing technology and software.
- Maintained the Meat and Produce departments singlehandedly when short-staffed.

Division Avenue High School

President, Physics Olympiad

Levittown, NY

Sep 2021 – Jun 2022

- Organized a team of high school students to participate in an annual competition involving the application of various physics principles through numerous events.
- Assessed team members' strengths and weaknesses in various physics topics to optimally assign them to various events.
- Achieved second place in two separate events, and fourth place overall out of 10 teams.

PROJECTS

Smart USB Charger

Programmed in C

Dec 2022

- Soldered and populated a PCB with all necessary components, including an Atmel ATMEGA4809 microcontroller.
- Programmed three different charging modes, which conserved battery health over time by up to 30% when utilized in various electronics.
- Implemented a secondary clock feature, based off a crystal oscillator installed on the board, which outputs to a seven-segment display.

AWARDS

Presidential Scholarship

Stony Brook University

2022, 2023

Physics Award

Division Avenue High School

2022

SKILLS

Languages: English (Native), Spanish (Conversational)

Programming Languages: Java, C, Python, Javascript, HTML5, CSS

Technologies: Git, VS Code, MongoDB, Linux, Microsoft Office Suite