






ABIN THOMAS

Prospective Computer Science Intern

CONTACT

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EDUCATION

Rensselaer Polytechnic Institute

Major: Physics

Years: 2021-2023

Troy, NY

Pace University

Major: Computer Science

Years: 2023-Current

Pleasantville, NY

SKILLS

- Research Methods and Formal Writing in the Disciplines
- Previous Experience: C++, C, Java, R, x86, MIPS, Javascript, Python
- VSCode, Ubuntu, Git, GDB, Valgrind
- Object Oriented Programming, Data Structures, Algorithms, Discrete Math, & Computer Architecture
- Academic Achievements: Dean's List, National Honors Society - Tau Sigma, Honors Physics Student

INTERESTS

Computer Science: Web + HPC
Economics: Micro/Banking/ExpEcon
Physics H: Classical and Modern

OBJECTIVE

I am seeking an internship opportunity that will enable me to bridge academia and business, while also providing me with the chance to contribute meaningfully to the company's projects and goals. I aspire to enhance my current skills, absorb industry best practices, refine my problem-solving abilities, and develop a profound understanding of software development principles. Ultimately, I am looking for an internship that aligns with my long-term goal of staying with the company after college, contributing to its growth and success.

WORK EXPERIENCE

Ardasley Community Enrichment - Non-Profit

Lead Website Developer | Online E-commerce | 2023 – 2024

- **Mission:** Lead programmer for the Ardsley county mayor's non-for-profit, aiding minority small businesses in creating websites
- **Lead:** Provided guidance to the programming team, ensuring the effective deployment of the web architecture.
- **Tech:** Created a compelling online presence, seamlessly integrating a storefront website, social media, emailing list, a stripe payment processor integration, and a product dashboard.

Rensselaer Center for Open Source Developers:

Phoenix Bionics Co-Lead | Troy, NY | 2023 – Present

- **Mission:** Democratized open-source bionic hand technology to introduce low-cost solutions, cutting costs by 70% in a prototype
- **Tech:** Electromyographic sensors that fed into an LSTM RNN, leveraging SVG mapping, laser cutting, 3D printing, and CAD software available in an open source format via Github

Woodmont Day Camp:

Camp Counselor | New City, NY | Summer 2022

- **Lead:** Served as a positive role model for campers, demonstrating leadership, integrity, and good sportsmanship.
- **Supervise:** Ensured the safety and well-being of campers at all times by implementing camp policies and procedures.

CERTIFICATIONS/LICENSES

Reaching Customers Digitally

Using Strategic Thinking to Consider the Big Picture

Audience and Purpose in Business Writing