

Amiri Prescod

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EDUCATION

Villanova University

Villanova, PA

August 2022 – May 2026

- **Bachelor of Science in Electrical Engineering, GPA: 3.11**
- **Minor in Computer Science**
- **NCAA DI Athlete: Track and Field**
- **Coursework:** Electric Circuits Fundamentals, C++ Algorithm and Data Structures, Embedded Systems, Analog Electronics 1 & 2, Signal Processing, Platform-Based Computing
- **Honors:** Dean's List, BIG EAST All-Academic Team, Athletic Director's Honor Roll

ENGINEERING/PROFESSIONAL EXPERIENCE

Villanova Athletic Facilities Attendant

Villanova, PA

Student Assistant

September 2023 – Present

- Leads groups of student employees in undertaking day-to-day tasks needed by VU Athletic Operations.

Independent Undergraduate Biomedical Research

Villanova, PA

Undergraduate Research Assistant

September 2025 – Present

- Conducting Research with Dr. Izzetoglu to study the functioning of the human body and brain by acquiring biomedical signals.
- Responsible for hardware. Trying to make PCB flexible as well as organizing the data received by the board.

The National Gas Company of Trinidad and Tobago Limited

Point Lisas, TTO

Undergraduate Intern – Asset Maintenance

July – August 2025

- Worked as a part of the Electrical, Telecommunications, and Instrumentation Teams.
- Learned the systems in use and accompanied team members to do site checks and troubleshoot issues.

Heft IQ

Remote

Intern

June – August 2024

- Learned the basic concepts of artificial intelligence under Learie Hercules.
- Expanded knowledge on AI topics such as LLMs and Deep Learning.

Particle Photon Security System Project

Villanova, PA

Student

Spring 2024

- Built the breadboard circuit connecting all the components for the system to operate.
- Programmed the board to operate like a security system using a state machine model.

Wipay Caribbean

Port of Spain, TTO

Customer Service Intern (IT)

May 2021 – August 2021

- Dealt with customer account issues to improve efficiency.
- Organized Data for the company.

LEADERSHIP & EXTRACURRICULAR

National Society of Black Engineers

Villanova, PA

NovaNSBE Pre-College Initiative Chair

April 2023 – Present

- Executive board member of Villanova's NSBE chapter of 50+ members to increase and support students entering STEM professions.
- Organized Events so that the NovaNSBE Chapter had events with interested high schoolers.

NovaNSBE Senator

January 2024 – Present

- Represented NSBE Chapter at conferences and events.
- Voted for the National and Regional NSBE Executive Positions.

NCAA DI Student Athlete

Villanova, PA

Villanova University Track and Field (Dedicate 20 hr/week)

August 2022 – Present

- Sprinter on the School Track Team and BIG EAST 60m and 100m Champion (Spring 2024)
- Student leader of the International Student Athlete Group and SAAC Representative for T&F.

The College of Our Lady of Fatima

Port of Spain, TTO

School Prefect

April 2020 – May 2022

- Responsible for mentoring younger students.
- Captain of the Soccer Team, which developed team management, leadership, and communication.

SKILLS

Programming: Python, MATLAB, C/C++, VHDL, JavaScript, HTML, Microsoft 365 (Word, Excel, PowerPoint)

Skills: Teamwork, Leadership, Critical Thinking, Time Management, Problem Solving, Communication.