

John Carrington

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EDUCATION

Villanova University - College of Engineering, Villanova, PA

May 2027

Bachelor of Science in Computer Engineering - GPA: 3.35

Atlantic County Institute of Technology, Mays Landing, NJ

May 2023

Academy of Math, Engineering, and Science - GPA: 4.13

GROUP PROJECTS

ACIT

Billboard modification

Researched and designed modifications to billboards to help reduce light reflected off of them

Villanova

CubeSat Construction

Creating a model cubesat mimicking the creation of a real one

Engineering Mini Project

Research and model a portable water filtration system designed to be easy to use and transport

COURSES

ECE Freshman Projects

EGR Projects and Applications

Physics I Mechanics

Physics II Electricity and Magnetism

Discrete Structures

Fundamentals of CPE

C++ Algorithms and Data Structures

Electric Circuit Fundamentals

Digital Systems

Environmental Ethics

Analysis of Algorithms

Platform Based Computing

Computer Architecture

Digital Electronics

Differential Equations

Engineering Probability and Statistics

AP Lang/Lit

AP Biology

SKILLS

C, C++, and Python programming

AutoCAD and Inventor

Google and Microsoft Suite

Assembly

Algorithmic Analysis

Quartus and VHDL

Circuit Construction and Analysis

3D printing

OSHA 10 Course

PROFESSIONAL EXPERIENCE

ACME, Brigantine NJ

Casheer, Summer 24/25

Collaboration with other employees to ensure proper and timely completion of all assigned tasks

Wawa, Brigantine NJ

Customer Service Associate, Spring 21-Summer 23

Interaction with customers, preparation of food and drink, and cleaning/stocking

VOLUNTEER WORK

Community Food Bank of NJ

Sorting and prepping food to be distributed

Field of Dreams

Assisting special needs individuals with playing baseball

CLUBS/INVOLVEMENT

Villanova Club Men's Rowing

Institute of Electrical and Electronics Engineers