

## Donté Carter

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### Summary

- Engineering experience involving leading group projects, technical reports, research, design, and presentations.
- Engineering related projects requiring the implementation of multiple engineering-related skills.
- Hard worker, capable of working alone and in teams, organized, and punctual.

### Work Experience

- **Energy Modeling Analyst (Robert Director Associates)-** May 2022 - May 2025
  - Development of building energy models, and energy reports to help clients understand their energy usage and what can be done to use less.
  - Provided energy savings measures as well as energy and financial analysis to help clients decrease energy costs and improve environmental impact
  - Utilize advanced energy modeling software to perform detailed energy simulations and analyses.
  - Maintained high-quality of services in a fast paced environment.
- **Student Employee in Rowan University Virtual Reality Lab-** 06/2021-06/2022
  - Worked on VR development, using Unity and C# coding, Blender, and 3D modeling
  - Communicated with clients, and a multi-disciplinary team to improve the product.
  - Incorporated code-based features into projects.

### Skills

- **Energy Modeling:**
  - IESVE, Microsoft Excel
- **Experience in Programming**
  - C++, C#, CSS, HTML, JS, React
  - Matlab, Simulink, Unity
- **Machine Experience**
  - CNC End Mill, 3D Printer, Laser Cutter
- **Proficient in Modeling Software**
  - Solid Works, Onshape, AutoCad: Autodesk Inventor certified, Ansys: Fluent

### Education

#### **Bachelor of Science in Mechanical Engineering**

Rowan University, Glassboro, NJ | Graduated: May 2022

### Relevant Projects

#### **LEED ID+C Commercial Interiors Projects**

- Conducted energy modeling and analysis for clients such as Neuberger Berman, Sequoia Capital, Capital Group, and McCann Worldgroup.
- Delivered energy saving measures and financial analyses to support LEED certification and help clients decrease energy costs and improve environmental impact.

#### **Card Sorting Project**

- Develop a website that can pull data from an api, sort the information, have a functioning search bar, and route to multiple pages
- Used React, html css, js to create this site.