

Rooby Dartiny

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EDUCATION

The College Of New Jersey

Bachelor of Science: Computer Science & Multimedia Minor

Ewing, NJ

Spring 2026

SKILLS & Tech

Language: Skills: Python 3, PowerBI, FIGMA, HTML & CSS, C++, Java, JavaScript, Anaconda, Jupyter Notebook, PyCharm, Swift, API, Bootstrap, Vite, Flask, Visual Studio Code, XCode, IOS, React, Ruby, Ruby on Rails, Adobe Cloud, PS, XD, Google Workspace, SharePoint, JSON

Projects

Personal Website | *React, Tailwind CSS, Vite* | Trenton, NJ

Summer 2025

- Developed a responsive portfolio website showcasing **community impact projects**
- Implemented component-based architecture with **React** and modern CSS frameworks
- Deployed professional web presence highlighting **real-world development work**

WorkWell Pre-Screening & Registration System | *Client-Based Nonprofit Project* | Trenton, NJ

Spring 2025

- Developed a secure web app for formerly incarcerated individuals to pre-register for job-readiness programs.
- Implemented role-based access, dynamic forms, and accessible UI using **Ruby on Rails** and **PostgreSQL**.
- Integrated stakeholder feedback to enhance user experience and privacy.

Wild Sky Program Application | *HackTCNJ Social Impact Innovation Award Winner* | Trenton, NJ

April 2025

- Built a web app using **React** and **Node.js** to estimate wildlife incentives for ranchers.
- Conducted research on Montana biodiversity and addressed data collection challenges.
- Developed a **full-stack** solution with real-world expansion potential.

ADDITIONAL EXPERIENCE

Goat Scoring Database | *PostgreSQL, Python, SQL, Flask* | Trenton, NJ

September 2023-October 2023

- Designed and populated a **PostgreSQL** database with schemas, tables, and **SQL** scripts to organize and manage data efficiently.
- Automated data extraction, cleaning, and insertion using **Python** scripts with **Pandas** and **Psycopg2**.
- Developed a **Flask** web application to provide an interactive interface for querying and visualizing database insights.

LEADERSHIP & PROFESSIONAL DEVELOPMENT

NESBE | *National society of black engineers(TCNJ)* | Trenton, NJ

January 2022-Present

- Provide opportunities to meet professionals in specific work fields
- Provide group studying for fellow NESBE members

The Haitian Student Association | *community development (TCNJ)* | Trenton, NJ

- Taught students about Haitian culture while continuing to be dedicated to helping underserved populations
- Helped organize an event with **250 participants** to showcase the best of Haitian culture.
- aided in partnering with other organizations

Brother to Brother | *community development (TCNJ)* | Trenton, NJ

January 2022-Present

- Guided minorities
- Provided opportunities & small workshops for skill improvement

Children's Future | *Non-profit organization* | Trenton, NJ

January 2022

- Promoting Healthy Child and Family Development in Mercer County
- increasing opportunities for health and wellness