

## Technical Skills

**Languages:** JavaScript, Python, Java, SQL

**Web:** React.js, Node.js, Express.js, HTML5, CSS, TailwindCSS

**Database/Tools:** MySQL, MongoDB Atlas, Git/GitHub

**Methodologies:** Agile, RESTful APIs

**Data analysis:** Excel, Pandas, Matplotlib, Seaborn, Scikit-Learn

## Education

**Rutgers University**, New Brunswick, NJ

**Bachelor of Science in Computer Science**

*September 2023 – August 2025*

*GPA: 3.39*

Relevant Courses: Computer Architecture, Algorithms, Data Management, Internet Technology, Data Science, Discrete Structures, Linear Algebra, Linear Optimization, Numerical Analysis and Computing, Programming Language Principles

**Brookdale Community College**, Lincroft, NJ

**Associate of Arts in Computer Science**

*September 2021 – August 2023*

Relevant Courses: Data Structures, Systems Analysis and Design, Database Concepts, Computer Logic & Design, Programming I & II, Calculus II, Statistics, Macroeconomics, Public Speaking

## Projects

**Art E-commerce Website** (Full Stack)

[Website Link](#) | [Demo Video](#) | [Github Repository](#)

Tech Stack: [JavaScript](#), [React.js](#), [Node.js](#), [Express.js](#), [MongoDB](#), [HTML5](#), [TailwindCSS](#)

Developed a full-stack e-commerce website prototype for art sales, featuring a RESTful API with secure JWT authentication and Redis-backed refresh/access tokens. Integrated Stripe for payment processing. Deployed using Render.

**Flight Reservation System** (Database fundamentals)

[Github Repository](#)

Tech Stack: [Java Servlets](#) with [Apache Tomcat](#) and [JDBC](#), [HTML](#), [CSS](#), [MySQL](#), [Github](#)

Collaboratively developed a flight management application for user-friendly data handling. Used a MySQL relational database to manage the data and implemented distinct functionalities for Customers, Customer Representatives, and Administrators.

**Cooking Simulator** (Hackathon)

[Demo Link](#) | [Github Repository](#)

Tech Stack: [C#](#), [Unity Game Engine](#), [Github](#)

Used Unity, C#, and Github to collaboratively develop a cooking simulation prototype during the TCNJ 2025 Hackathon, which we demoed to a live audience.

**Self-Care Recommendation Model** (Data analysis/ Predictive Modeling)

[Github Repository](#)

Tech Stack: [Python](#), [Pandas](#), [Matplotlib](#), [Seaborn](#), [Sci-kit Learn](#), [Numpy](#)

Collected, cleaned, and analyzed crowd-sourced data using EDA techniques. Trained and evaluated multivariate machine learning models in Python to predict self-care activities for specific mood levels, energy levels, and times of day. Reported findings in a LaTeX document.

## Professional Experience

AWF Presales Software Engineer Educational Internship

November 2025 - Current

Laboratory Robotics Interest Group Digital Transformation Lead (Volunteer)

October 2025 - Current

Sales Associate, Sketchers, Tinton Falls, NJ

June 2025 – Current

Retail Associate, Michaels, Howell, NJ

May 2024 – December 2024

## Awards

**NJSTARS I & II:** Scholarships that recognize academic excellence in high school and community college