

# Sean Dayron Escot

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## Education

### Rutgers University

Gpa: 3.2 | Dean's List: Sept 2022 - May 2023

Major: Computer Science | Minor: Data Science

Organizations: Computer Science Developers club, ColorStack and Data Science Club

Newark, NJ  
Sept 2020 – May 2025

## Skills & Interests

Technical: My SQL, Java, AWS, React, Cocoa, Javascript, R, Python, C, Lua, Kotlin, Node.js, Swift, PHP, HTML and Pandas

Language: English & Spanish

Interests: Gym, Swimming, Music, skateboarding and Video Games

## Projects

### Project Eclipse | HTML, CSS, Javascript

April 2023 - May 2023 | Personal

- Engineered the backend architecture for a time-sensitive collaborative club project, optimizing database performance and reducing page load time by 40% within a 2-week deadline.
- Led and worked alongside team members to design and construct a website centered around academic tools, utilizing CSS, Javascript and HTML
- The project's conceptualization involved creating a platform akin to 'ratemyprofessor.com,' tailored exclusively to Rutgers University

### MySql Database integration website | HTML, MySql, PHP

September 2022 - December 2022 | School

- Designed and constructed a website with the capability to facilitate the search for student IDs, their respective academic years, and the classes they are currently attending by using a combination of HTML and PHP
- Engaged in backend development to perform database operations, such as data entry, deletion, and student retrieval by leveraging MySQL as the backend database infrastructure

### Personality App | Swift, Xcode, Cocoa

September 2022 - December 2022 | Personal

- Created an interactive personality quiz application by focusing on characterizing individuals based on their responses, with a particular emphasis on various animals by utilizing the Swift programming language

### Data Analysis project | Pandas, Python

September 2020 - December 2020 | Personal

- Worked on an independent project which is a comparative analysis between content creators categorized as 'Mature' and 'Family Friendly' on the renowned streaming platform Twitch by using Pandas data analysis framework
- Discovered that "Family Friendly" content creators tend to achieve greater success compared to "Mature" content, primarily by a larger population of children in the target age group by employing Pandas for data cleaning and visualization

## Leadership

### The Braven Accelerator – Newark, New Jersey

September 2023 – Present

#### Prototyper

- Built a prototype of a mobile application for ChooseNJ Company that received 85% approval ratings from users who tested it.
- Developed workforce skills such as leadership, operating and managing, communicating and networking, working in teams, and problem solving by completing a 14-week leadership and professional development course.
- Designed a career roadmap by outlining 3 specific, short-term goals and identifying possible obstacles, strengths and support systems to help achieve each goal.

### ColorStack – Newark, Rutgers University

September 2021 – Present

#### Student Member

- Participated as a speaker at the club's events, sharing knowledge of my expertise and journey about technical interviews.
- Fostered the club's growth, by contributing to a 20% increase in membership through personalized outreach and enthusiastic engagement

### LSAMP – Newark, Rutgers University

September 2023 – Present

#### Student Member

- Gained valuable experience in leadership, honing communication abilities, and expanding networking proficiencies through active engagement within the clubs events and activities

## Community Service and Activities

### Thanksgiving Turkey Drive – Union City

- Collaborated closely with the Mayor and with a diverse team of volunteers to facilitate the efficient management and distribution of Thanksgiving food supplies to a majority of Union City residents in Hudson County

### Science fair – Union City High School

- Collaborated in organizing and supporting the science fair, assisting with logistics, student guidance, and exhibit management.

### NJIT Real World Connections – Njit

- Conducted in-depth interviews with professionals from diverse industries, uncovering valuable insights on career paths and facilitating team cohesion through collaborative problem-solving activities.

## Relevant Coursework

- Advance Data Structures
- Fundamental Data Visualization in R
- Statistics and Machine learning
- Computer Organization
- Intensive Programming
- Database Systems & Management
- Intro to Swift
- Everyday Data
- Discrete Structures
- Cloud Computing
- Operating System
- Software Engineering
- Android App Dev