

# MANUEL PAUL

Moorestown, NJ | 609-332-9074 | manuelvinpaul@gmail.com |  
www.linkedin.com/in/manuel-paul | https://github.com/Manuelp-12

## EDUCATION

**Rutgers University, New Brunswick, NJ**

Expected Graduation May 2027

Bachelor of Science in Computer Science & Data Science

- SAS Honors College; Cumulative GPA: **3.94 / 4.00**; Dean's List
- Notable Courses: Computer Architecture, Data Structures and Algorithms, Data 101, Introduction to Linear Algebra, Introduction to Computer Science

## INTERNSHIP

**Rowan University, Glassboro, NJ**

June 2023 - August 2023

*Web Developer*

- Designed a web page with forms/registration using HTML, CSS, and PHP.
- Collaborated with a team in web design and development in the Department of Computer Science to ensure UI layout and functionality on mobile devices as well as desktop computers.

## PROJECTS

**Allergen Scanner App**

May 2025 - August 2025

*Kotlin, Android*

- Built an Android app in Kotlin that combines barcode scanning with a TensorFlow machine learning food recognition model to detect allergen risks in real time.
- Implemented coroutines, collections, and OOP patterns for responsive performance, with a user-defined allergen list and history log for personalization and usability.

**Crypto Portfolio App - https://crypto-portfolio-app.expo.app/**

July 2025 - August 2025

*React Native, App/Website*

- Developed a React Native app with real-time stats on the top 250 cryptocurrencies, including price trends, market cap, and portfolio tracking with persistent storage.
- Built interactive charts for data visualization and integrated a Python Prophet machine learning model to forecast 24-hour price movements, displaying predictive trend lines directly in the app.

## WORK EXPERIENCE

**Sonny Werblin Recreation Center, Piscataway, NJ**

September 2025 - current

*Recreation Assistant*

- Greet and assist visitors, manage access, answer questions, and support operations by monitoring spaces, enforcing policies, and maintaining a safe, welcoming environment. Support events and tours, collaborating with staff to ensure smooth operations and positive experiences.

## CERTIFICATIONS

**Beginning C++ Programming**

- Completed an introductory course on C++ programming, covering core concepts including syntax, control structures, functions, pointers, memory management, and the standard template library. Built a strong foundation in C++ for systems-level and performance-critical development.

**Mastering Kotlin for Android Development**

- Completed a comprehensive course on Kotlin for Android development, focusing on object-oriented design, coroutines, and modern Android app architecture. Gained hands-on experience building responsive, user-friendly mobile applications using industry best practices.

## SKILLS & AWARDS

- Learned programming languages: Java, Kotlin, Python, C++, Javascript, HTML, Ruby
- Multilingual: English, Spanish, Malayalam, Latin
- Interests: Hackathons, open-source contributions, algorithm challenges, helping peers in coding