

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