Julio C. Rosario

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EDUCATION

LEHMAN COLLEGE, Bronx, NY   **Jan 2018 - May 2019**

- **Major(s):** Computer Science, B.S
- **Certification(s):** Mathematics Minor
- **In - Major GPA:** 3.54
- *Relevant Courses***:** Design & Analysis of Algorithms, Database Systems, Operating System, Cryptography, Networking, Parallel Architecture & Algorithms, Probability & Statistics, Number System, Calculus III.

BOROUGH OF MANHATTAN COMMUNITY COLLEGE, Manhattan, NY   **Jan 2016 - Dec 2017**

- **Major:** Computer Science, A.S
- **GPA:** 3.75
- *Relevant Courses***:** computer programming I & II, Discrete Structures, Data Structures, Calculus I & II, Linear Algebra, Assembly Language & Architecture.

SKILLS

- **Programming Languages:** Java, C++, Swift, CSS, HTML, JavaScript, jQuery, Bootstrap, Assembly x86.
- **Tools:** XCode, Intellij, Eclipse, Git, Visual Studio, MAC OS, Windows, Ubuntu, Atom.

SOFTWARE PROJECTS

Alien Invasion: (Java)
- A desktop platform video game in 2D, entirely in Java from scratch.
- Integrated popular techniques such as Double Buffering and page Flipping to render on the screen.
- Used concepts like animation, collision, parallel scrolling, AI, and gravity for an overall good user experience.
- Utilized: Java programming, threading, synchronization\asynchronization and graphics.

Cryptocurrency Tracker: (iOS)
- An iOS app that allow users to stay up to date with at least 2400 cryptocurrencies.
- Added Charts library to display open, high, low, close or OHLC graph for hourly, daily, weekly, monthly, yearly and all-time data.
- Included persistent data storage using Core Data to archive favorites.
- Utilized: Swift, iOS development, SwiftJSON, Alamofire, SVProgressHUD, Chameleon, Core Data.

Password Wallet: (iOS)
- An IOS app using swift that allows users to securely save all of their accounts and passwords.
- Added Firebase\Auth's library to authenticate users and retrieve\reset their account's password.
- Incorporated Firebase\Firestore to persistently store in an online database the user's accounts and passwords.
- Utilized: Swift, iOS development, Firebase, SwiftyJSON, Alamofire, ChameleonFramework.

EMPLOYMENT

Supplemental Instructor Leader   Research Foundation CUNY   Jan 2018 – Jun 2019

- *Attend the targeted classes such as C++, Java, Data structure, and assembly language x86.*
- *Conduct a full 50-minute weekly session on programming challenges, topics cover in class or help students on their assignment/homework.*
- *Cover lecture upon professor's non-attendance.*
- *Prepare handouts, informal quizzes, and other learning aids for SI sessions.*