# Alexander Rodriguez

alexrodriguez0719@gmail.com | (845) 706-1177 | GitHub | LinkedIn

## EDUCATION

**DePaul University**                                                                                                   **Chicago, IL**
*B.S Computer Science – Expected Graduation June 2021*                                           *Sep. 2017-Present*
- **GPA: 4.0 / 4.0**
- Relevant Coursework: Data Structures in Java, Python Courses, Programming Concepts, Algorithm Analysis, Computer Systems, Discrete Math, Database Systems in MySQL, Data Analysis, Technical Writing, Distributed Systems, Applied Networks & Security, Local Area Networks, Independent Studies

## PROFESSIONAL EXPERIENCE

**DePaul Esports Gaming Center**                                                                            **Chicago, IL**
*Gaming Center Moderator*                                                                                   *Mar. 2018-Present*
- Maintaining a safe environment and providing oversight to student management and equipment within state-of-the-art gaming center
- Managing day-to-day operations and addressing/resolving technical issues
- Recommending and implementing gaming center operational improvements for software and hardware
- Ensuring that DePaul University and the Esports Center is represented in a professional manner

**Best Cleaners Dry Cleaning**                                                                              **Niskayuna, NY**
*Customer Service Representative*                                                                         *Sep. 2016-Aug. 2017*
- Organized shipment of clothing to maintain quality standards
- Communicated with customers and employees to continuously manage orders
- Calculated daily profit and handled bank deposits to ensure financial organization and security
- Independently prepared store for opening and closing

## PERSONAL PROJECTS

**Rocket League Rank Checker**
- Created and published an Alexa Skill using aimed to allow users to search and return their Rocket League competitive rankings
- Implemented database user storage with Amazon DynamoDB to allow account switching, profile saving, and accessibility
- Built code using Python to connect AWS and Alexa Skills Kit while using the Rocket League API to pull rank info

**SplitIt Finance Splitting Application** *(PayPal Hack-Chicago Winner)*
- Built an application to split bills and send email money requests through JavaScript
- Hosted a server to handle emailing function through Node.js, connecting to the front-end HTML
- Created within 12 hours during PayPal Hack-Chicago Hackathon, winning "*Biggest Wow Factor*" award

**TreeLineChicago CTA Transportation Application (DemonHacks 2019)**
- Developed an application with React Native to allow users to receive virtual rewards by riding the CTA Public Transportation
- Used CTA's API with personal geolocation services to find and display the closest trains and schedules
- Utilized Expo to test the application on both iOS and Android mobile devices

## SKILLS / ACTIVITIES / INTERESTS

- **Technologies/Frameworks/Methodologies**:

  **Primary Languages**: Java, Python, SQL, NoSQL, C/C++, C#, Scala, JavaScript/TypeScript

  **Experienced In:** Unix/Linux, Amazon Web Services, Oracle, React Native, Visual Studio, Microsoft Office, MacOS, Windows, Minecraft Forge, Alexa Skills Kit, CloudWatch Logs, Cloud Technologies, Node.js, Machine Learning, GitHub, Git, Raspberry Pi, Blockchain, Smart Contracts, Amazon Voice Service API

- **Activities**: DePaul Computer Science Society, DePaul Varsity Rocket League Player/Treasurer, Extensive Travel to 26 Countries, DePaul Fundamental Research in Academic Gaming Club,

- **Honors**: St. Vincent DePaul Scholarship, Henrik Lundqvist Foundation Youth Ambassador, DePaul Award Scholarship, DePaul CDM Dean's List

- **Interests**: Cryptocurrency, Video Games, Esports, Blockchain, Machine Learning, PC Building, Virtual Economies, Traveling, Watches, Cars