

Gabriel S. Santiago-Guzmán

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Objective

Seeking for an internship or Coop experience, in the areas of software design and/or product development.

Education

- University of Puerto Rico – Mayagüez Campus **Expected Graduation Date: May 2021**
 - Bachelor of Science in Computer Engineering **Graduation GPA: 3.51**
 - *Courses completed related to computer programming:* Basic Programming (algorithms)
 - **Advanced Programming (Java, object oriented)**, Fundamentals of Computing, **Data Structures**
- Machine Learning by Stanford University (Coursera) **Jan 2017**
 - Online course offered by Stanford University through Coursera

Experience

- APP DEV Team Undergraduate Research (*Lead Android Developer*) **Aug 2016 – Present**
 - Enfoque Film Festival
 - IAP App Development Team
 - Voting, registration, and profile managing system
 - Product & System Development, designed database schema
 - Involved in designing of the system back-end
- Richport Solutions Inc. (*Consultant, Lead Android Developer*) **July 2017 - Present**
 - Marketing Uploader System
 - Involved in the design of the webpage
 - Experience managing back-end logic with *Firebase* for system prototyping
 - Involved in designing of the complete system: front-end & back-end
- Artificial Intelligence Undergraduate Research **Jan 2017 - Present**
 - Learned concepts and variations of machine learning algorithms
 - Long term goal is to develop a general purpose Machine Learning algorithm
- Research Experience for Undergraduates – North Carolina State University **June 2017 – Aug 2017**
 - Center for Educational Informatics
 - Worked on an intelligent tutoring system based on a clustering technique of machine learning
 - Researched different methods to improve a clustering model
 - Learned different techniques of unsupervised **machine learning**

Leadership and Development

- Computing Alliance of Hispanic-Serving Institutions **Aug 2016 – Present**
 - Active Member
 - Algorithmic Thinking Workshop
 - Software Design Workshop
- Extreme Science and Engineering Discovery Environment (X-SEDE) **Aug 2016 – Present**
 - Linux/Unix Workshop Part 1

Skills

- **Linux (2-year experience)**
 - Intermediate
- **Android Development**
 - SQLite, Fabric, UX, Eclipse, Android Studio
- **Computer**
 - Java, C, Python, Typescript
 - GitHub, Firebase, Terminal, Software Design, Machine Learning
 - Database design concepts
- **Languages**
 - Spanish and English (Fully Bilingual)