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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 2020**
- 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**

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
- Designed database schema
- 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 ML 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**

Machine Learning by Stanford University (*Coursera*)　　　　　**Jan 2017**

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**
➢ **Active Member**
- Linux/Unix Workshop Part 1

Skills

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