

# Manuel A. Báez González

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**EDUCATION:** University of Puerto Rico, Mayagüez, Puerto Rico  
Bachelor of Science in Software Engineering  
Minor in Project Management

**GPA:** 3.58

**Expected graduation date:** May 2020

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**RELATED COURSEWORK:** Software Requirements, Computer Architecture, Database Systems, Human Computer Interaction

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## TECHNICAL/NON-TECHNICAL SKILLS:

- Intermediate Level Proficiency in Java 8, Typescript, Git and Front End Web Development
  - Basic Level Proficiency in JavaScript, Python, MatLab, ASP.net MVC Core, DevOps and Back End Web Development
  - Technologies: ELK Stack, PostgreSQL, Jenkins, Docker, Chef, Node.js, Vue.js, Angular2+, Django, Flask, Hapi.js
  - Familiarized in project management methodologies such as Systems Engineering and Agile Development
  - Fluent in Spanish and English
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## WORK EXPERIENCE:

- **ABB – Software Engineering/Process Engineering COOP** **August 2018 – December 2018**
    - Developed and deployed a web-based gas monitoring tool using Angular 5, Hapi.js and Modbus libraries
    - Devised and implemented a DevOps tool chain to support further development endeavors, decreasing development time by 23%
    - Designed and deployed an ASP.net MVC application for the HR department which reduces absence report generation time by 83%
  - **Raytheon – Software Engineering Intern** **June 2018 – August 2018**
    - Collaborated in a three-member team in developing a web application in Vue.js that aids Test Engineers by shortening their Test Error Reports generation time by 60%
    - Performed various enhances by providing bug fixes and developing new features for a web application that assists employees career development by supplying information on how reach roles within the company
  - **Verizon – Software Engineering Intern** **June 2017 – August 2017**
    - Contributed in a six-member team in analyzing log data generated by a proprietary web application with ELK Stack technologies; to help developers determine the most impactful features that need improvement
    - Implemented a custom plugin for Kibana in Angular.js to add more data visualizations and a custom dashboard to satisfy the needs of the data analysts working with the application
  - **UPRM RumboEx – Full Stack Developer** **January 2017 – Present**
    - Responsible for developing a web application with PostgreSQL, Flask, Nginx, Docker and Angular 4 in which users can see information about the RumboEx project
  - **Verizon – IT Intern (Lead Developer-Agile Scrum Master)** **June 2016 – August 2016**
    - Collaborated in a seven-member team in developing a front-end code generator tool with JQuery and Freemarker which produces data tables and generates advanced web forms that are integrated into Verizon's proprietary UI framework
    - Responsible for IT savings by reducing web application development time by 78%, enabling approximately \$1.6M annually
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## PROJECTS & EXTRACURRICULAR ACTIVITIES:

- **Switch Limited** **August 2018 – Present**
    - Building a web and mobile application utilizing Meteor, Machine Learning and React Native to discover and track limited physical game releases on the Nintendo Switch gaming console
  - **Institute of Electrical and Electronics Engineers (IEEE) Computer Society – President** **August 2016 – August 2018**
    - Ramification of the IEEE that prepares students professionally in the areas of computing by providing workshops, networking and other activities
    - Provided mentoring in Full Stack Web Development and Java by delivering various workshops to the community
    - Launched and guided three projects in the Hacksquad program to help students gain experience in Computer Science
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## HONOR/CERTIFICATIONS:

- **2<sup>nd</sup> Place Raytheon Hackathon Winner** **July 2018**
- **1<sup>st</sup> Place Verizon Hackathon Winner** **June 2017**
- **Eta Kappa Nu (HKN) Honor Society Member** **December 2016**
- **Lean Six-Sigma Yellow Belt** **May 2016**