

JOSEAN L. AYALA MOLINA

Phone: (939) 287-3053
Email: josean.ayala@upr.edu
Linkedin: linkedin.com/in/joseanayala

Education

BACHELOR OF SCIENCE IN COMPUTER SCIENCE

University of Puerto Rico Arecibo Campus
GPA: 3.76

ABET - CAC Accredited

Skills

- Programming languages: HTML, JavaScript, CSS, Visual Basic, C#, SQL, Typescript
- Frameworks: .NET, jQuery, Angular, Node.js, Bootstrap
- Databases: MSSQL, MariaDB, Firebase
- Software: Microsoft Dynamics GP
- Tools: Visual Studio, Microsoft TFS, GitHub, Adobe XD

Work Experience

ROCK SOLID TECHNOLOGIES

Software Developer | January 2020 – Present

- Developing a civic engagement web application that connects citizens to their local governments using ASP.NET, HTML5, Javascript, jQuery and CSS.

ROCK SOLID TECHNOLOGIES

Software Development Intern | January 2019 – December 2019

- Developed a product tracking system using Microsoft Dynamics GP, VB.NET and MSSQL.
- Enhanced enterprise resource planning applications using Microsoft Dynamics GP, VB.NET and MSSQL.

UNIVERSITY OF PUERTO RICO AT ARECIBO INTEGRATED SCIENCE MULTI-USE LAB

Webmaster | August 2018 - December 2018

- Updated the ISMuL web page using WordPress, CSS and HTML.
- Assisted in STEM related workshops offered to local schools and teachers.

Research Experience

SWARM ROBOTICS UNDERGRADUATE RESEARCH | August 2018 - December 2018

- Researched swarm foraging algorithms for space exploration using ROS and Gazebo, focusing on obstacle avoidance between robots.

Projects

E-COMMERCE WEBSITE

- Designed, developed and implemented a full stack website using HTML, CSS, MD Bootstrap, Angular and Node.js.
- Designed and developed a database using MariaDB.

Scholarships

UNDERGRADUATE RESEARCH SCHOLARSHIP

- Puerto Rico Louis Stokes Alliance for Minority Participation (PR-LSAMP) fall 2018.