**Education:**

**University of Georgia Expected Graduation Date: May 2021**

Master of Business and Technology

**University of Georgia Graduation Date: May 2015**

Bachelor of Science in Computer Systems Engineering

**University of Puerto Rico, Mayaguez Campus Transferred Spring 2013**

Bachelor of Science in Computer Engineering

**Skills:**

**Technical skills:**

* Over two years of experience with Drupal 8.
* Operating Systems: Windows, Unix, Ubuntu, iOS.
* Proficient with content management system, Git.
* Proficient in Microsoft Office, including Power Point, Word, and Excel.
* Knowledge about Web Accessibility and compliance with W3C standards.

**Programing Languages:**

* Advanced: Java, SQL, Node.js, JavaScript.
* Web programming: HTML, CSS, PHP, JavaScript
* Knowledge about basic usage, UNIX, PHP My Admin, MySQL Workbench, Microsoft Web Expression, WordPress, Arduino, Eclipse, Beyond Compare, Notepad++ and others.

**Hardware:**

* Basic Knowledge of networks and routing protocols.
* Knowledge about the NI sbRIO board for the NI Robotics Starter Kit 2.0 platform.
* Programming of the Spartan3E FPGA Board, the MSP430, and Arduino UNO.
* Knowledge about the basics and applications of electric components and logical circuits.

**Languages:**

* Fluent:English, Spanish (Native)
* Intermediate:French

**Certifications:**

**HDI Support Center Analyst Certified February 2019 - present**

**Relevant Experience:**

**Web Developer Specialist January 2020 – present**

At Franklin Office of Information Technology at the University of Georgia’s Web Team.

* Handle the migration from Drupal 7 to Drupal 8 for several departmental websites.
* Aid with website maintenance and troubleshooting.
* Offer basic website training for content developers both in person and online.
* Work with loading course evaluations for all Franklin College departments.
* Front-end development for Gold Theme and implementation of design system.
* Keep websites up to date with W3C standards.

**Web Developer Assistant August 2018 – December 2019**

At Franklin Office of Information Technology at the University of Georgia’s Web Team.

* Handle the migration from Drupal 7 to Drupal 8 for several departmental websites.
* Aid with website maintenance and troubleshooting.
* Offer basic website training for content developers both in person and online.

**Freelancer Programmer September 2017 – present**

Develop bots using Discord API, Node.js and SQLite for some servers from time to time, with different functionalities.

* Handle data for hundreds of different users that can be updated, reset and deleted.
* Develop personalized ‘inventories’ for any participating user.
* Create code commands for specific functionalities.
* Code restrictions that allow only a certain amount of users to perform certain commands.

**Applications Developer June 2015 – July 2018**

At CGI Technologies and Solutions Inc. in Premium Support/Managed Advantage Group or PSMAG providing technical support to clients.

* Lead most of the process of onboarding for client support environments.
* Merge fixes into existing code for issues.
* Recreate issues in support environments.
* Run SQL statements against large databases for issue analysis and troubleshooting.
* Package and deliver fixes for issue resolution.
* Read through logs for issue analysis to determine a possible fix.
* Remote work for 2+ years.

**Development of Robots for Weeding in Organic Farming May 2014 – May 2015**

At University of Georgia in the Department of Research for the College of Engineering. Worked on the NI Robotics Starter Kit 2.0 platform, so that navigated through crops as efficiently as possible for the purpose of weeding through intra rows between crops.

* Wrote code for autonomous robot navigation through crop fields using LabVIEW Robotics.
* Designed actuators for the weeding process, using a servo motor and the Arduino Uno.
* Wrote code for verifying if individual pixels are any shade of green, while using a Kinect Sensor.
* Wrote code for obtaining the distance in millimeters using the depth sensor integrated in the Kinect.
* Worked on interfacing the Kinect Sensor into the robotics platform for more efficient, autonomous navigation.

**Bio-Sensing Lab Student Worker October 2013 – May 2014**

At University of Georgia, Department of Research for the College of Engineering

* Provided data recollection and analysis using software like LabView and MATLAB.
* Developed inoculum of Bacteria into Viladia Onions.
* Took X-Rays of inoculated and healthy onions.
* Prepared of tolls and samples for experiments involving onions, or cotton.
* Manipulated the server, created characters and region using several different commands in OpenSim and Robust.