

JOSHUA E. HERNÁNDEZ-SÁNCHEZ

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(787) 526-1601

EDUCATION

University of Massachusetts Amherst

Graduation: May 2023

B.S. Computer Science

Relevant Courses: Data Structures & Algorithms, Introduction to Probability, Computer Systems Principles, Introduction to Computation, Programming Methodology, Search Engines, Computer Forensics, Web Development

Boston University - Summer Semester 2019

SKILLS

Programming Languages: Java, C, JavaScript, Python, C++, HTML/CSS, SAS, Perl

Operating Systems: Linux/Unix, Windows

Certifications: Microsoft Technology Associate: Intro to Programming using HTML, CSS, and JavaScript (2018), Database Fundamentals (2018), Intro to Programming using Python (2019)

Spoken Languages: Full Bilingual-English/Spanish

WORK EXPERIENCE

Quality Co-Op | Ambri | March 2023 - Present

- Provided support to the Operational Quality Team working with document control and verifying Build Procedures and other SOPs for Design Verification Testing.
- Created, maintained, and updated documents as part of the efforts to establish a quality management system and toward the continuous improvement of document control.
- Communicated with suppliers related to supplier qualification requirements, regulatory compliance follow-ups on supplier corrective action requests, nonconformances
- Coordinated supplier qualification visits.

Data Analytics Support Intern | ISO New England | Jun 2022 - Aug 2022

- Edited, updated, reviewed, and implemented software within the team's code base written in the SAS language while conforming to established code review guidelines.
- Created script to monitor and report on the team's server disk usage using SAS and Perl working in accordance with deadlines for delivery of the software.

Undergraduate Course Assistant | Intro to Programming for Info Sciences | Sep 2021- May 2022

- Assisted Professor Tim Richards in efforts to establish a new course for the College of Information and Computer Science.
- Taught Python programming including basic functions to informatics majors.
- Provided tutoring, guidance, and education on a weekly basis to students related to course material.

Office Assistant | Office of Inclusive Education & Teaching Support | Oct 2020 - May 2021

- Prepared reports through collection, analysis, and summary of data on human capital and financial resources.
- Collaborated and communicated with graduate students requesting information to support office initiatives.