

Juan Jose Esparza Diaz

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Education

University of Wisconsin - Madison

Computer Engineering: Machine Learning and Data Science, B.S. (GPA: 3.5)

- Organizations/Awards: All-In Milwaukee Scholar, Hispanic Scholarship Fund Scholar, Dean's Honor List 2020-2021

Work Experience

All-In Milwaukee (July 2022 - Present), Milwaukee, WI

Peer Leader at UW-Madison

- Nominated by All-In advisors because of leadership abilities and academic excellence to influence, mentor, and create a sense of belonging for incoming All-In Milwaukee scholars at UW-Madison.

GE Healthcare (May 2022 - Present), Milwaukee, WI (Remote)

Edison Software Engineering Intern

Tools: Powershell, Java, SQL, Maven, Python, GitLab, Jenkins, JUnit, Angular

- (Digital) Created new plugins for our Automatic Configuration Tool Check known as System Solution Optimization Tool software (Maven based project). This required creating new powershell and SQL scripts that would extract various information from databases and/or servers.
- (CT) Assisted with transforming our CT Revolution Software to micro-architecture by creating pipeline to parse excel to JSON with Apache POI to reflect the micro-architecture hierarchy of impacted-sets. Created another Jenkins pipeline to then retrieve specific impact sets from the JSON and run downstream pipelines of individual uServices, uFrontends, etc. to assert that individual services build successfully following changes to other components.

Robert W. Baird & Co. (June 2021 - Present), Milwaukee, WI (Remote)

Service Desk

Tools: Microsoft Products

- Assisted Baird associates with software and hardware problems while working remotely.

IT Operations Intern

Tools: Powershell, Bootstrap, HTML, CSS, Azure, React

- Created tools that facilitated deployment for the Application Development team including: moving over some of our local applications on to Azure, created a packaged React application that allows associates to enter various IP protocols while checking that the formatting is correct, and creating Powershell scripts to create and extract information from SQL databases.

Johnson Controls (August 2019 - June 2020), Milwaukee, WI

Corporate Work Study Intern: IT Security

Tools: Microsoft Products

- Assisted on creating phishing campaigns and transferring private vendor information into a database.

PKWARE, Inc. (August 2018 - June 2019), Milwaukee, WI

Corporate Work Study Intern: Software Engineering

Tools: Python Selenium, HTML

- Created test automations with Python Selenium to check the various elements through our web application and facilitate software testing.