

Juan Carlos Mendoza

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EDUCATION

- **Central Washington University** Ellensburg, WA
Bachelor of Science in Applied Mathematics; GPA: 3.1 Sept 2015 – March 2020

EXPERIENCE

- **FINRA** Rockville, MD
Cybersecurity Engineer Nov 2021 – Present
 - **Scripting/Python:** support a threat modeling application through bug fixes, script enhancements, and the development of new scripts while also contributing to the maintenance of AWS infrastructure.
 - **Splunk/Python:** Support another team in developing/maintaining dashboards using Splunk and manage a department-wide newsletter.
 - **AWS/Jenkins:** Provisioned and deployed AWS resources, including Lambda-API Gateway, ECS-EC2, and ECS-Fargate architectures, using Jenkins to streamline the deployment process..
- **Revature** Reston, VA
Full Stack Developer April 2021 – Dec 2022
 - **React/Springboot:** Developed a quiz/study card application from the design phase to a minimal vial product in approximately two weeks working with 19 other co-workers.
 - **UI Testing/Jest:** Conducted thorough UI testing for quiz/study application as the main contributor, while also providing knowledge and guidance to batch mates on UI testing best practices.
- **Central Washington University** Ellensburg, WA
Student Researcher Jun 2019 – Aug 2019
 - **Mathematical Modeling/Python:** Used Mathematical Modeling and Differential Equations to model the disease transmission of influenza amongst asylum seekers in detention centers.
 - **ODE:** Proposed and championed a research idea, and leveraged my prior experience to help guide and motivate my team in overcoming obstacles during the research process.
- **Florida Institute of Technology (FIT)** Melbourne, FL
Student Researcher Jun 2019 – Aug 2019
 - **Mathematical Modeling/Python:** Research Experience for Undergraduates(REU) in Machine Learning, conducted research with one teammate.
 - **Python/Latex:** Assisted in formalizing mathematical concepts and notation and created a lookup for normalizing data sets with various name variations.
 - **Python/Latex:** Collaborated with a partner to produce a research presentation, poster, and paper, and presented findings to local tech companies and military personnel.

PROGRAMMING SKILLS

- **Languages:** Python, Java, Typescript, R, HTML, CSS, JavaScript, MySQL, Groovy
- **Technologies:** AWS, React, Springboot, Postman, DBbeaver, git, Jenkins

AWARDS/CERTIFICATES

- **AWS Solution Architect Associates** Certification
- **AWS Cloud Practitioner** Certification
- Earned Solver Scholarship of \$20,000 funded by NSF S-STEM foundation
- Hearst - SOLVER Fellowship of \$4,000 to conduct research
- OUR Travel Grant to travel to Mathfest at Devner, CO and present summer research