

EDUCATION

University of Nevada, Las Vegas
Bachelor of Science in Computer Science

Las Vegas, NV
August 2019 – May 2023

EXPERIENCE

Software Development Engineer

December 2023 – Present

Amazon

Seattle, WA

- Developed NICv2, an image evaluation tool, as part of the review process for images generated by a lifestyle imagery project, utilizing a Java REST API and React web application to enhance project management and visibility into evaluation statistics.
- Implemented a scheduled incremental export from DynamoDB to S3 using AWS CDK, creating a Lambda function triggered daily by an EventBridge rule to ensure seamless data export, preventing data loss and providing timely access for stakeholders.
- Actively led multiple stakeholder demonstrations of project deliverables, showcasing functionalities and impact while engaging with feedback to drive further improvements and ensure alignment with project goals.
- Established unit testing best practices, creating comprehensive documentation that outlines standards for consistency across various packages, enhancing code quality and facilitating collaboration among team members.

IT Technician

February 2022 – December 2022

University of Nevada, Las Vegas

Las Vegas, NV

- Developed a web application using C# and .NET with Selenium to scrape data from solar energy websites.
- Implemented the application as a background service, periodically updating Google Spreadsheets and providing the latest solar energy data for staff on the facilities website.
- Resolved hardware and software issues by managing support tickets for university facilities.

Software Development Engineer Intern

May 2022 – August 2022

Amazon

Seattle, WA

- Developed and delivered a feature for an internal tool, enhancing the image management process for Treasure Truck badges in the Detail Page Experience.
- Integrated internal services and database tools using Angular/TypeScript and Java RESTful APIs to implement seamless CRUD operations, ensuring compatibility and enhancing product workflows.
- Ensured code quality and system reliability through manual, automated, and unit testing using JUnit.
- Led the team as Scrum Master, facilitating meetings, overseeing sprint progress, and tracking task deadlines.

PROJECTS

CommUNI | *JavaScript, React, Firebase, Git*

August 2022 – October 2022

- Developed a React-based web application as part of a 10-member capstone project team, facilitating task delegation and supporting team members in their roles.
- Designed and implemented features that enhanced student communication and coordination, improving event planning.

EMPOWER UNLV | *JavaScript, HTML, CSS*

December 2021 – May 2022

- Collaborated with the Oh Lab of Neurogenetics and Precision Medicine as part of Dr. Jorge Fonseca's app development team, contributing to the creation of a website that facilitates COVID-19 variant tracking through wastewater surveillance data.
- Contributed to building the website using JavaScript, HTML, CSS, and Bootstrap, creating a user-friendly interface that effectively kept users informed about COVID-19 variants.

TECHNICAL SKILLS

Languages: Java, Python, JavaScript, TypeScript, C/C++/C#, HTML/CSS

Frameworks: React, Angular, Node.js, JUnit, JSP, Agile

AWS Services: CDK, Lambda, SageMaker, Glue, DynamoDB, CloudWatch

Developer Tools: Git, VS Code, IntelliJ