

# Eric Mamani

mam20009@byui.edu - [LinkedIn](#) - [Github](#) - [Website](#) - (801) 404 9051

## Education

**Bachelor of Science, Computer Science. Current GPA: 3.91**

**Anticipated 04/2024**

Brigham Young University–Idaho

Rexburg, ID

**Relevant Coursework:** Data Structures and Algorithms, Front-End development, Databases, Cybersecurity, Machine Learning, Object-Oriented Programming (Java, JavaScript, Python)

## Experience

**Amazon.com, Inc**

May 2023 - July 2023

**Software Development Engineer Intern**

Tempe, AZ

- Completed Amazon SDE bootcamp
- Created a new UI for customers to input information to validate deals (following specific criteria) and output why requests cannot be validated in case the deal is not valid
- Improved knowledge in AWS, ReactJS, Git, Angular, Java, Javascript, OOP, Bootstrap, JSX, API

**Mr. Cooper Group**

Jun 2022 - Aug 2022

**DevOps Engineer Intern**

Coppell, TX

- Improved at Terraform, GO, OOP, GitHub, Git, Pipelines, Docker, Python
- Learned and researched different Cloud Providers Google Cloud Platform, Amazon Web Services, and Microsoft Azure

**Brigham Young University - Idaho - Rexburg, ID**

Sept 2022 - Present

**Web Development, JavaScript, and Calculus 2 Tutor**

- Scheduled time to keep deadlines for grading assignments
- Developed skill to teach hard concepts in an easy way
- Asked questions that led to solutions

## Projects

**Math Mobile Application:** [Math App](#) (Android App)

- Designed the app through the Android Studio Platform and the Java language
- Applied Object-Oriented Programming principles to manage the many features of the app

**Machine Learning (Text Generator Author's Style):** [My Google Colab](#)

- Cleaned data of large text like books
- Created a model that generates text with the Author's writing style

**Front-end Development (HTML5, CSS, JS):** [My Frontend Work](#)

- Learned to use queries, gather data through forms, and JavaScript
- Applied responsive design principles

## Technical Skills

Programming Skills: Python, Swift, HTML, CSS, JavaScript, Java, GO, R, C++, C#, SQL, PHP, MySQL, Scala, Terraform, Google Cloud Platform, Microsoft Azure, AWS, Docker

Frameworks: ReactJS, Node.js, Angular

Tools: Git, Github, VS Code, IntelliJ IDEA, Swagger

Skills: Communication, Problem-Solver, Critical Thinking, Quick learning, Teamwork