Andrés Mateo Ruiz Flores

91 N Concord Valley Circle, The Woodlands, Tx 77382 | 281.701.7994 | mateo.ruiz@me.com

Education

B.S COMPUTER ENGINEERING | GRADUATES 2024 | TEXAS A&M UNIVERSITY

- **Minor:** Mathematics
- **GPA:** 3.8 / 4.0
- **Awards:** National Hispanic Scholar (HSF), Raymond Ideas Challenge Finalist

Experience

UNDERGRADUATE TEACHING ASSISTANT | TEXAS A&M UNIVERSITY | JANUARY 2023 – PRESENT

- Assisting Dr. Martin Carlisle for his CSCE 222: Discrete Mathematics course.
- Leveraged Knowledge: Mathematics, Teaching.

ORGANIZER - DEVELOPMENT TEAM | TAMUHACK | APRIL 2022 – PRESENT

- Aiding in the development of tools that support the largest student-run hackathon in the state of Texas.
- Helped create the Howdy Hack 2022 website using Vue.js and TailwindCSS (url: tamuhack.com/hh).
- Leveraged Knowledge: TailwindCSS, Vue.js, Figma.

EXPLORE INTERN | MICROSOFT | MAY 2022 – AUGUST 2022

- 12-week internship in Microsoft Cloud Security creating an automation tool for Azure Sentinel.
- Led the research, development, and design of back-end using Azure Durable Functions, Cosmos Db, and Twilio API.
- Aided creation of product research, competitive analysis, customer personas, mock-ups, and product spec for feature.
- Leveraged Knowledge: C#, Azure Functions, API's, Cosmos Db, Product Management, Figma.

Projects

AGGIE SHELL | DECEMBER 2022

- **Summary:** Linux shell that handles basic commands, built in commands, piping, and file output redirection using Rust.
- **URL**: github.com/m-ruiz21/aggie_shell

POUND | NOVEMBER 2022

- **Summary:** Rust port of the kilo text editor by antirez.
- **URL**: github.com/m-ruiz21/pound

VRUN | OCTOBER 2022

- **Summary:** Bash script to automate the managing, running, and viewing of Verilog scripts and their wave forms.
- **URL**: github.com/m-ruiz21/vRun

MOVIE SEARCH CHALLENGE | CAPITAL ONE | JUNE 2021

- **Summary:** Movie search app using Next.js and TailwindCSS as part of my successful application to Capital One's software engineering summit.
- **URL**: capital-one-challenge.vercel.app

Skills & Abilities

LANGUAGES: English, Spanish

PROGRAMMING LANGUAGES: (Proficient): C#, C++, C, Python (Familiar): JavaScript, Bash, Rust, ARM Assembly, Java

SOFTWARE FRAMEWORKS: .NET Core, TailwindCSS, Next.js, Vue.js, Laravel

CLOUD: Azure Durable Functions, Cosmos DB, Cloud Virtual Machines

PROTOTYPING: Verilog, Figma, Arduino, 3D Printing, AutoCAD