

# Emiliano Rodriguez

https://emiliano.world

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## EDUCATION

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- **Arizona State University** Tempe, AZ  
*Bachelor of Science in Software Engineering; GPA: 3.5* *Expected 2026*
- **El Paso Community College** El Paso, TX  
*Bachelor of Science in Computer Science; GPA: 3.2, Deans List Fall 2021-Fall 2023* *Aug. 2021 – Aug. 2023*

## TECHNICAL SKILLS

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- **Languages:** Java, Python, HTML/CSS, JavaScript, MySQL, AWS
- **Technologies:** Next.JS, Node.JS, JavaFX, Jsoup, Jinja, Flask, Bootstrap, Tailwind.CSS, AWS

## EXPERIENCE

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- **GE Appliances, A Haier Company** El Paso, TX  
*Generative AI E2E Insights & Intelligence Analyst Intern* *January 2024 - Graduating 2026*
  - Responsible for researching and adding new AI Technologies to our playground. Increasing AI development and production research times.
  - Developed and trained AI models, specifically with the AI dictionary to assist and increase the outreach of AI usage in the company by 42%.
- **WestStar Bank** El Paso, TX  
*IT Intern* *Jul 2023 - January 2024*
  - Incorporated Bash and Power shell scripting to streamline IT processes, enhance cyber security, and optimize efficiency.
  - Collaborated with the cybersecurity team to fortify security measures and provide strategic input for future financial services.
- **Copile** El Paso, TX  
*Software Engineering Intern* *Jun 2023 - November 2023*
  - Revolutionized copy trading management with Java and Python-based APIs across major crypto exchanges.
  - Developed captivating landing pages and intuitive dashboards using React, Next.JS, and Node.JS
  - Spearheaded AI chatbot creation, slashing support tickets by 25% while improving user stability metrics.
- **Tide Proxies** El Paso, TX  
*Co-Founder* *Jun 2022 - Oct 2022*
  - Streamlined user proxy purchases through API integration, designed a user-friendly interface using Tailwind CSS and developed a proxy testing tool in NodeJS.
  - Delivered innovative solutions to enhance user experiences and elevate product functionality.

## PROJECTS

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- **The Sequence of Nature**
  - Developed "The Sequence of Nature" using Python, Jinja, Bootstrap, Flask, and librosa
  - Employed audio analysis algorithms to extract and identify dominant frequencies with a 98.3% accuracy rate.
- **Timely**
  - Designed and developed Timely, a full-stack application with Java, mySQL, AWS, and JavaFX created to facilitate employee clock-ins.
  - Leveraged mySQL to create a database to store user credentials and punch history.

## PUBLICATIONS

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- **Java Performance and Deviations:**
  - Implemented six diverse sorting algorithms in Java and accurately measured and compared the execution times to provide insights on algorithm efficiency and applicability for large-scale sorting in real-world applications. (Link to document)