

EMMANUEL STMARTIN

REINFORCEMENT LEARNING ARCHITECT

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SOME THINGS YOU SHOULD KNOW

My name is Emmanuel, but most call me Manny. I climb rocks for fun sometimes. As a programmer, I spend most of my time writing pieces of text which solve problems. Although the problems are often caused by other pieces of text, which were often also written by me.

EDUCATION

UNIVERSITY OF NEW ORLEANS

Some university: August 2021 – 2025

- Coursework: Marketing & Computer Science
- Key Courses: Embedded Systems, Signal Processing, Control Systems

SOME PLACES I'VE WORKED AT

DEPARTMENT OF DEFENSE – SOFTWARE ENGINEER

January 2025 - Present | Portland, OR

- Real-time technical resolution for DOD systems/equipment
- Equipment lifecycle management (reduce/repair/recycle)
- Part-time contract position

ZUWA TAX CONSULTING – SOFTWARE ENGINEER

February 2022 - December 2024 | Dallas, TX - New Orleans, LA

- Developed AI tax validation system with full-stack ownership
- Managed complete business operations including ad campaigns
- Integrated front-end UI with back-end database systems

STEEL DETAILS INC – MACHINE LEARNING ARCHITECT

October 2019 - March 2021 | Upland, CA

- Developed structural failure prediction models
- Implemented Django/Flask simulation systems
- Participated in engineering hiring rounds

SOME THINGS I'M GOOD AT

- Full-stack system design from UI/UX to hardware control
- A/B testing and ML model evaluation
- Bilingual client engagement (English/Spanish)
- Market research & sales