

# EMMANUEL STMARTIN

## REINFORCEMENT LEARNING ARCHITECT

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### SUMMARY

I have six years of writing well tested, high performance statistical and ML software in both professional and academic settings. I have many open source contributions, but I am primarily known as a core developer at Elbit Systems. I consider myself to be well-versed in the AI/ML landscape. I am familiar with working in distributed computing environments and processing large amounts of data(>20tb).

### EDUCATION

#### UNIVERSITY OF NEW ORLEANS

Some university: August 2021 – 2025

- Coursework: Cs and marketing
- 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 – SOFTWARE DEVELOPER

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
- Distributed Systems
- Casual Inference
- Market research & sales
- Economics
- A/B testing and ML model evaluation