

Aladdin Saidi

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Self-taught developer and security enthusiast who builds things from the ground up: writing a custom autograd engine, tokenizer, and transformer architecture from scratch in NumPy rather than relying on existing ML frameworks. Currently studying Mechanical Engineering & Oil Rig Mechanics, and working through pwn.college's CTF/systems-security curriculum, about halfway through the orange belt.

PROJECTS

R3GUL4R AI — github.com/Aladdin-R3G/R3GUL4R-AI

A transformer-based language model built entirely from scratch in NumPy: custom autograd engine, BPE tokenizer, multi-head attention, and a hand-implemented Adam optimizer — no ML framework.

pwn.college

Working through CTF and systems-security coursework, currently about halfway through the orange belt.

SKILLS

Python, C++, HTML, CSS, JavaScript, Linux, Git

EDUCATION

Mechanical Engineering & Oil Rig Mechanics
Faculty of Hydrocarbons, Boumerdas

Expected 2027

WORK EXPERIENCE

Cook, Fast Food Restaurant
Dishwasher
Construction Laborer and Helper

Oct 2025 – Jan 2026
Winter 2023 (2-week role)
Summer 2022