

LEVON KARAPETYAN

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PROFESSIONAL SUMMARY

Engineering Physics student specializing in Quantum Informatics, 2x competition winner with hands-on experience in UAV development, IoT, and full-stack programming (Python, SQL, JavaScript, TypeScript). Passionate about research and data-driven engineering.

WORK EXPERIENCE

- Climate Net Project — TUMO Labs, Yerevan** 02/2026 – Present
Armenia, Yerevan
Building web interfaces for sensor data visualization using Python (Flask, Flask-SocketIO), HTML, CSS, and JavaScript. Programming Arduino and ESP32 microcontrollers. Designing PCB layouts using EasyEDA and managing codebase with Git.
- Aerodynamic Company** 2020 – 2021
Armenia, Yerevan
Designed UAV aerodynamic components and participated in prototyping

EDUCATION

- Russian-Armenian University** 2021 – Present
Bachelor of Engineering Physics - Quantum Informatics

TECHNICAL SKILLS

- Programming Languages** Python, JavaScript, TypeScript, SQL, HTML, CSS
- Engineering & Tools** EasyEDA, Nginx, Gunicorn, AWS EC2, AWS Lambda
- Frameworks & Libraries** Flask, Flask-SocketIO, SQLAlchemy, NumPy, Pandas

LANGUAGES

Armenian — Native • **Russian** — Native • **English** — Intermediate (B1) • **French** — Intermediate (B1)

ACHIEVEMENTS & AWARDS

- Hackathon Participant** 05/2026
Ministry of High-Tech Industry of the Republic of Armenia
Developed and pitched an LCNC platform concept and demo with team "inHub" within a 72-hour deadline.
- Winter University 2025 Participant** 12/2025
Yaroslav-the-Wise Novgorod State University
Developed an electronics project with team "inHub" during a 2-week program, focusing on schematic circuit design, PCB layout, and board routing in EasyEDA.

PROJECTS

- Personal Portfolio Website** 🌐 03/2026 – Present
Interactive Resume & Virtual Assistant
I design and build a personal portfolio website with an interactive user interface, a real-time virtual assistant, and dynamic content. It was built using Python (Flask, Flask-SocketIO), JavaScript, HTML, and CSS. Deployed on AWS EC2 with Nginx and Gunicorn.