

Danial Albertuly

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Astana, Kazakhstan

EDUCATION

Skillset School

High School Diploma Candidate, Grade 10-11

Sep 2025 – Jun 2027

GPA: 5.0/5.0; Class Rank 2/120

EXPERIENCE

Researcher

Jun 2026 – Sep 2026

Horizon Academic Research Program

Online

- * Selected for a competitive research program (26% acceptance rate)
- * Awarded a merit and need-based scholarship covering 90% of program cost (\$6,000 of \$6,450)
- * Conducting cybersecurity research under supervision of Dr. Maria Konte (Georgia Institute of Technology)

Fluent Future

Sep 2025 – Present

Co-Founder & CTO

Profitable IELTS education company

- * Developed the company's end-to-end web platform, including AI Speaking and Writing Assistants continuously refined through instructor and student feedback
- * Partnered with a team of five instructors to improve the learning experience through weekly product reviews and student feedback
- * Taught students across all four IELTS exam sections, generating \$4,000+ in revenue, growing the community to 3,000+ followers, and helping students achieve an average IELTS band score of 7.0

Safira

Feb 2026 – May 2026

Founder

AI-powered anti-phishing Chrome extension

- * Built an AI-powered Chrome extension that detects phishing websites in real time and prevents users from submitting sensitive information, including passwords and credit card details
- * Raised \$1,000 in funding and acquired 500+ active users

SentraFire

Jan 2026 – Jun 2026

Co-Founder

Wildfire detection & response system

- * Designed an end-to-end wildfire detection system integrating ESP32-based IoT stations, LoRaWAN communication, Edge AI, and a mobile application for real-time emergency response
- * Secured a cooperation agreement with the Ministry of Defense of Kazakhstan to support future development
- * Deployed autonomous monitoring stations across three pilot sites in the Akmola Region, enabling 24/7 solar-powered operation with long-range communication of up to 20 km

VOLUNTEERING

Lead Coordinator

Sep 2024 – Dec 2025

Astana Jastary Volunteers

Astana, Kazakhstan

- * Completed 500+ hours of service across 30+ national, cultural, environmental, and international events
- * Led the volunteer team behind the Largest Portrait in the World — certified by the World Book of Records (WBR), 38m × 70m, 240 hours, 1,020 kg of paint
- * Officially registered in the volunteer registry of the Ministry of Culture and Information of Kazakhstan

HONORS & AWARDS

2nd Place — AituCap International Hackathon

Feb 2026

Issued by Astana IT University

- * Awarded 2nd place in the Digital Business & GovTech track, placing among the top 3 of 30 finalist teams
- * Received a 100,000 KZT startup grant to further develop Safira

2nd Place — Jas Impact National Hackathon

Feb 2026

Issued by Jas Impact organization

- * Awarded 2nd place in the Engineering track, placing among the top 2 of 30 teams
- * Received a 75,000 KZT startup grant to further develop SentraFire

TECHNICAL SKILLS

Languages: Python, JavaScript, HTML/CSS

Frameworks: React, Next.js, Node.js, Flask, FastAPI, Docker

Hardware: ESP32, Arduino, LoRaWAN

Developer Tools: Git, VS Code, PyCharm, Google Cloud Platform