Humbat Jamalov

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EXPERIENCE

Digital Research Lab (DRL) *- FullStack Developer (G0 level Intern)* — *July 2026 – Present (Part Time)*

Buta Grup Azerbaijan *– IT Intern | Details* — *April 2024 – August 2024 (Virtual)*

Maktap. *– Founder & Lead Developer | Educational Network | Play Store: Join Closed Testing | LinkedIn* — *March 2026 – Present*

GuardianX (AZira) *– Co-Founder & Lead SWE | Agrar Technologies | LinkedIn* — *August 2025 – Present*

- ***Winner of Deep Tech Incubation Program*** *(Secured 2000 AZN investment)*
- ***3rd Place Winner in Sustainable Design Hackathon by Siemens*** *(1000 AZN Prize)*

PROJECTS

InMyTime – Real-time Scheduling & Polling *- Software Engineering Project | Team Lead | Try it* — *November 2025 – December 2025*

AZira – AI Pest Detection *– On-Device AI Model & Play Store Deployment | Play Store* — *March 2026 – June 2026*

Signa – Signal Security *- Kotlin Multiplatform Contest (Android, Desktop) | Download and try it* — *January 2026*

WeCrypt – Key Distribution Center *– Symmetric & Asymmetric Cryptography Messaging Tool | Try it* — *May 2025 – June 2025*

ExTracker – Driving Experience Tracker *– FullStack Development Project | Try it* — *October 2024 – December 2025*

Maximum Secure Static Site (MSSS) *– Serverless Secure Authentication & Hardening | Try it* — *June 2026*

RESEARCH

"Resolving Interclass Similarities in Sign Language Using Adaptive Loss Function" - Co-Author | Details here

"A Community-Driven Dataset and Protocol for Azerbaijani Sign Language Recognition: Advancing Digital Inclusion Through Human-Centered AI" *– Co-Author*

"AI-Based Classification System for Pest Management in Azerbaijan Agriculture" *– Co-Author*

ACHIEVEMENTS

ICPC *–* ***Third Award*** *(2025, regional) &* ***Second Award*** *(2025, qualification)*

Recommendation Letter (UFAZ) – Igor Peretta (Software Engineering) & Eric Christoffel (FullStack Development)

ABB Math Challenge *– Winner of 10 day Math Olympiad Trainee*

WorldSkills Azerbaijan *– Web technologies Republican finalist*

EDUCATION

AI Academy – *Mathematics & Artificial Intelligence |* ***Score: 95+/100*** — *April 2026 – Present (Expected: February 2027)*

French-Azerbaijani University (UFAZ) *- BSc Computer Science:* ***98% GPA*** *| Transcripts* — *September 2023 – Present (Expected: May 2027)*

Physics, Math and Informatics oriented lyceum *- High School | DIM Score:* ***632/700*** — *September 2018 – June 2023*

COURSES

Constructor University *– "Advanced Computer Science Skills"* | ***Top 5*** | *Details*

İlkin Mehdiyev (Senior SWE in Wise) *– "Advanced Backend Programming with Java" | 9 months | Details*

Codestar (Rustam Atakishiyev) *– "Fundamentals of programming"* | *1 month | Details*

Stanford University & Deeplearning.ai (Coursera via 4Si Academy) *– "Supervised Machine Learning: Regression and Classification"*

Udemy *– "Be Advanced Level Flutter Developer" (**Kanan Yusublu**) and "Flutter & Dart – The Complete guide" (**Maximilian Schwarzmüller**)*

LANGUAGES

Azerbaijani: *Native* | ***Turkish:*** *Native or Bilingual Proficiency (C2)* | ***English:*** *Upper-Intermediate (B2)* | ***French:*** *Elementary (A2)*