

ALI-MANSUR VALIYEV

Dubai, United Arab Emirates

alimansur2009dubai@gmail.com • ali-mansur-valiyev.vercel.app • [LinkedIn](#) • ORCID 0009-0000-9094-0247

EDUCATION

Dubai College, Dubai (CEEB 697009)

Sep 2020 – Jul 2027

A-levels: Mathematics, Further Mathematics, Economics, Computer Science (all predicted A*), Extended Project Qualification. **GCSE:** grade 9 in all 11 subjects. **SAT:** 1560. **AP Computer Science A:** 5.

Leadership: President of the Dubai Keynes Society, Co-President of the Dubai Computer Science Society, President of the DC Sustainability Club, House Captain.

Yale Young Global Scholars (Politics, Law and Economics)

Jun 2025 – Jul 2025

RESEARCH

Central Asia resource economics, sole author, three IEEE papers

Gr 10 – Present

- Began with a six-month internship at Dar (Sidara) on AI in urban development, with Tom Benson. Built a land-allocation model for Kazakhstan from about 13 GB of satellite, climate and land data across 8,755 map cells, with a 90% coverage guarantee on every score.
- **IEEE GHTC 2026:** “Siting Solar without Displacing Pastoralists: A Conformal-Calibrated Many-Objective Framework for Kazakhstan.” Presented 7 Oct 2026.
- **IEEE ICECCE 2026:** “An Early-Warning System for Endangered Wildlife in Kazakhstan’s Renewable-Energy Transition.” Presented (oral, online) 23 Oct 2026.
- **IEEE NEECON 2026:** “Hidden Economic Risks in Kazakhstan’s Solar Transition.” Presented (poster, Dubai) 23 Oct 2026.
- Feedback from Prof. Gernot Wagner (Columbia), Omar Alblooshi (SILVIS Lab) and Prof. Akylas Stratigakos (UCL).

Behavioural economics of study time, co-first author with Harihar Rengan; with Prof. Pengyu Hong (Brandeis)

Gr 10 – Present

- **IEEE TALE 2026:** “Empirical and Behavioral-Simulation Based Evidence for Portfolio-Style Allocation in Student Study Time.” Accepted (Dec 2026); presented at SBP-BRiMS 2026 (Carnegie Mellon).
- **IEEE URTC 2026 (MIT):** “An Empirical Analysis of Student Disengagement.” Presented Oct 2026.

Alzheimer’s EEG screening, co-first author; Hong Kong Polytechnic University and EdUHK

Gr 11 – Present

- **IEEE COMPSAC 2026, MediComp Workshop:** “Prior-Informed Normative EEG Scoring for Alzheimer’s Detection: Framework and Cross-Paradigm Boundary Analysis.” Published.

Computational finance, sole author

2026

- **IEEE AICCSA 2026:** “RegimeIQ: A Regime-Aware Hierarchical Multi-Agent LLM Framework for Equity Analysis.” Accepted.

HONORS/AWARDS

- **Gold Medal, International Economics Olympiad 2026:** MENA’s first individual gold, 20th of 500k+. Selected 1 of 5 for the UAE team after a 2-year Ministry of Education programme. Covered by Khaleej Times, Gulf News, Dubai Standard and Digital Business (Kazakhstan).
- **Emergent Ventures grant** (Mercatus Center), \$10,000 for Lock In, 55th cohort.
- **Minds Underground Economics Essay Prize:** 1st overall (2026). **John Locke Institute Economics Prize:** Very High Commendation. **World Economics Cup:** 100/100. **Dubai College Economist of the Year** (1 of 320+).
- **Certificate of Honour**, Ministry of Finance of Tajikistan project centre, for EcoEducation. **GESS Education Awards 2026 finalist** (Best Product/Resource to Promote Sustainability in Education).
- **ACSL 2025–26 Senior Division Finals:** UAE #1 (36 points).
- **Blue Ocean Competition 2026:** 3rd in the Middle East, for AlziDetect. **Conrad Challenge 2025–26 Innovator**, for AlziDetect.
- **GITEX Youth X Unipreneur 2025 Award** (TeamUp, top of 100). **iCode national hackathon** winner (1 of 1,000+). **InnovAite national AI hackathon:** 3rd (2026), finalist and 4th (2025).
- **Dubai Science Fair:** Best Research Award (supply chain disruptions) and 3rd place overall (research paper on how sectoral differences affect machine-learning stock-return prediction). **AMC 10:** First Place in school (2023). **AMC 12:** Third Place in school, 91.5 (2025). **Galois Contest:** Distinction, top 25% (2025). **UKMT:** Gold.
- **New York Academy of Sciences Junior Academy**, member (2025–26).

EXPERIENCE

Founder, EcoEducation ecoeducation.net

Gr 9 – Present

- Free climate and economics curriculum in 6 languages for rural schools in Kazakhstan, Uzbekistan, Tajikistan and India. 12,000+ students reached, 120+ ambassadors.
- Worked with Samruk-Green Energy on the first curriculum, NGOs in Bukhara on the first pilot, and government schools in Uzbekistan. Integrated into Tajik state schools.

Co-founder, Lock In Inc.

Gr 10 – Present

- Study planner built on portfolio theory and behavioural economics. 550 active users. Now working with Dubai College.

Co-founder, AlziDetect alzidetect.com

Gr 11 – Present

- Low-cost Alzheimer's screening for elders without access to diagnosis. Clinic pilot: 530 elders screened, 165 referred to GPs.

Founder, TeamUp

Gr 11 – Present

- Connects students without networks to teams for competitions. Founded at LaunchX (UC Berkeley). 60 schools in 15 countries, 30 ambassadors.

Head of Product, CRDO Fitness

Aug 2025 – Oct 2025

- Built across web, mobile and backend for users in 6 US cities and Hong Kong. Monthly revenue from \$0 to \$6.4k before exit.

Intern, Dar (Sidara), Urban Intelligence Lab

Oct 2024 – Mar 2025

- Six-month internship on AI in urban development. Led to the Central Asia research above.

LEADERSHIP

UAE National Team, International Economics Olympiad; UAE Team 2027 mentor

Gr 10 – Present

President, Dubai Keynes Society

Gr 11 – Present

- 120 members. Ran a national essay competition with industry judges (119 entries). Brought in speakers from Mastercard and UBS. Edit the society magazine.

Co-President, Dubai Computer Science Society dubaicssociety.com

Gr 11 – Present

- Grew from 50 to 450+ members. Four clubs, one international chapter, three hackathons, 70 capstone teams mentored, a student startup fund (DC YC) and a free research programme.

President, DC Sustainability Club

Gr 11 – Present

- Ran the Dubai Interschool Climate Competition, the UAE's first (13 schools, 115 students). Built DC CarShare, a carpool app now launching for 2,000 parents.

SPORTS AND MUSIC

Swimming for 12 years: 1st and 3rd at the Middle East Open and Junior Championship, 2 school records. **Piano** Grade 7 ABRSM (Merit). **Drums** Grade 6 RSM (Merit).

Skills: Python, machine learning, GIS, conformal prediction, optimisation, input-output modelling. **Languages:** English, Russian, French.