

## Luka Rekhviashvili - ლუკა რეხვიაშვილი

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### Education and Activities

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<b>The Guivy Zaldastanishvili American Academy in Tbilisi</b>	Expected Graduation 2026
● Model United Nations (MUN) Club, <u>Chairman</u>	Grade 10-Present
● C++ Olympic Club, <u>President</u>	Grade 11-Present
● Robotics Club, Member	Grade 8-Present
<b>Harvard Ventures-TECH Summer Program (HVTSP)</b>	Grade 11
● ~15% admit rate, won Merit scholarship; intern at Rayfield Systems (TECH program).	

### Experience

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<b>Volunteer, OHM Energy</b>	Grade 9-10
● Worked directly with customers to explain solar options;	
● identified cost-clarity gaps and created a payback calculator to support informed clean-energy decisions.	
<b>Software Freelancer, Georgiancredit (Banking)</b>	Grade 10
● Modernized legacy bank site: bug fixes/refactor and new features; led 4-person dev team.	
<b>Student &amp; Software Intern, Rayfield Systems (via HVTSP)</b>	Grade 11
● Built a compliance-deadline calendar app; met with the CEO to present progress and iterate.	

### Leadership, Projects & Research

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<b>Co-founder &amp; President, Competitive Coding Club (Instagram handle: <u>codingaat</u>)</b>	Grades 11-12
● Taught Olympiad C++; Organized Georgia's capture the flag event with an internship as the prize	
● hosted online interviews for students with <u>leading AI/CS researchers</u> : Guido Van Rossum (Python), Jay McClelland (Stanford), Ice Pasupat (Google), Alane Suhr (UC), Ken Birman (Cornell)	
<b>Co-founder &amp; Organizer, CAUMUN (Caucasus MUN)</b>	Grades 11-12
● Founded first Caucasus-wide, student-led MUN conference. Now annual with a Total of 700 delegates. Partnered with British-Georgian Academy for second conference. Raised \$12K in sponsorships.	
● Within the conference chaired the most advanced war simulation (Kriegsspiel) committee to date.	
<b>CEO, GEOTOPO (3D Mapping Startup) - JA Company of the Year</b>	Grade 10
● Founded a 9-member startup across sales, marketing, operations, and finances;	
● Created custom software for automatically making 3d files out of NASA's map databases	
● sold 3D printed, hand-painted maps of Georgian cities and rural areas;	
<b>First Author &amp; Lead Researcher, Curieux Review (IEC)</b>	Grades 11-12
● Research on optimizing rotational shapes through evolutionary algorithms, finding the best solutions	
● Developed and tested novel Anchor/Guard mechanism	
● Coded human-steered evolutionary simulator; ran experiments; mentored by a professor; paper published.	

### Honors

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● Millennium Innovation Tech Competition - Finalist (Top 10/250)	Grade 9
● Komarov STEM Olympiad - Finalist (5th; qualified 250)	Grade 11
● Economics Olympiad (National) - Finalist (qualified 500)	Grade 11
● What? Where? When? - 2nd out of 55; \$6K grant	Grade 12
● JA Company of the Year (Georgia) - 2nd Place + Best Interview	Grade 10
● AUCMUN (Amsterdam) - Awarded for passing resolution	Grade 10

### Skills & Interests

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- Programming: C++, C#, Python, JavaScript, SQL/MySQL, PHP, Pascal
  - Tools: Blender, Kdenlive, GIMP; Arduino; basic CAD; soldering; 3D printing
  - Languages: English, Georgian, Russian
  - Interests: robotics, music (especially J.S. Bach), entrepreneurship, ancient history, judo