Lavrenty "Larry" Orlov
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Skills Summary
- Experience with Python, Java, C# for Unity game engine, and Kotlin for Android development
- Proficient verbal and written communication skills in English and Russian
- Proficient in Microsoft Office Suite

Education
Bachelor of Science in Computer Science
Washington State University, Pullman, WA   **Expected: May 2029**
Relevant coursework: Computer Science 101, Computer Science 121, AP Computer Science A, Immersive Media

Projects
AI vision for robotic submarine using Python's OpenCV library   **Aug 2025 - Present**
- Contributing to multi-disciplinary project involving 30+ students at WSU Palouse RoboSub Club
- Robotic submarine to compete at international competition with 40+ academic institutions from 7 countries

Android app in Android Studio with Kotlin programming language   **Jun 2025 - Present**
- Image text translator app recognizes 20+ languages with optical character recognition and translation models
- Could potentially help 22% of US population learn English once published to Google Play Store in November

Text-based adventure game with 85+ outcomes in AP Computer Science A   **Apr 2023 - Jun 2023**
- Showed to software engineers from Google and Amazon during project showcase

3-dimensional video games in Unity game engine using C# scripts   **Sep 2022 - Jun 2024**
- Designed games: 2-person boulder survival, infinite runner, soccer penalty shooter, math-based fantasy runner
- For each project, dedicated between 2 months and a semester by collaborating with teachers and classmates, and utilizing resources like ChatGPT to solve complex code problems
- Showed demonstrations of finished projects to classes of over 30 students

2-dimensional video games with Python   **Jun 2020 - Aug 2021**
- Designed games with PyGame Python library: 2-player soccer game, soccer penalty shooter, island survival
- For each project, dedicated 2-4 months to solve complex code problems

Leadership
Ukrainian Student Ally, Ballard High School, Seattle, WA   **Jan 2024 - Feb 2025**
- Organized two annual school-wide events, helping three Ukrainian students deliver speeches in English and Ukrainian to about 1,700 people about Russia's invasion of Ukraine

Activist Project Leader, Ballard High School, Seattle, WA   **Oct 2023 - Jun 2025**
- Led weekly meetings with school's principal, assistant principal, teachers, and district leaders to decide how to cover up 41 swastika-like symbols previously installed on school's campus
- Gathered input from student cultural organizations like Jewish Student Union to create informative signage about school's history and organize a school-wide artistic mural project to celebrate school's cultural diversity

Certifications
- **"Unity Certified User: Programmer," Pearson**   **Attained Jan 2024**
- **"Washington State Seal of Biliteracy,"**
  Office of Superintendent of Public Instruction   **Attained Oct 2022**

Awards
- Washington Award for Vocational Excellence, Washington Student Achievement Council   **Jun 2025**
- Voiland Dean's Scholarship, Washington State University   **Jun 2025**
- Washington State Honors Award, Office of Superintendent of Public Instruction   **Jun 2025**
- Washington State Opportunity Scholarship,
  Washington State Opportunity Scholarship Foundation   **Apr 2025**
- Regents Scholars Award, Washington State University   **Jan 2025**
- Distinguished University Achievement Award, Washington State University   **Sep 2024**
- "Certificate of Excellence for Outstanding Achievement" in Python & App Development at University of Washington summer camp, Lavner Education   **Jun 2024**
- "Instructor Choice" in 3D video game design, GameU   **Jul 2023**