

Denys Davydenko

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EDUCATION

Computer Science, BS

Economics Minor, Space Minor
University of Colorado Boulder

Boulder, CO
Spring 2028

Tesla STEM Highschool

- 3rd best rated Highschool in the Nation
- 13 AP and post AP Courses completed, including 2 post AP Computer Science classes
- Extensive STEM lab and internship experience
- 3.8 unweighted GPA

Redmond, WA

Graduated Spring 2024

EXPERIENCE

Akvelon Inc. (Microsoft Partner Company)

Software Engineering Intern

May 2023 – September 2023
Redmond, WA

- Collaborated with a cross-functional team to enhance the accessibility of **Microsoft PowerBI**, a leading data visualization and business intelligence tool.
- **Integrated advanced PowerBI visualization tools** with **Microsoft Azure** and **outdoor sensor networks**, enabling real-time data processing and analytics for environmental monitoring.
- Successfully merged a suite of features designed to assist individuals with **visual or mobile impairments** through code reviews, debugging, and **direct collaboration with Microsoft developers**
- **Earned the “Mentors Choice” Award** for addressing accessibility relates issues

Unity Game Development

Game Developer

September 2023 – Present

- Employed **Agile development** methodologies to collaborate on projects within the Unity game engine, ensuring timely delivery and high-quality output.
- Implemented advanced **multi-threading** and **GPU optimizations**, aligning with industry best practices to enhance game performance.
- Leveraged **procedural generation** techniques to create dynamic, evolving environments that enrich the user experience.
- Successfully integrated **GitHub with Unity**, overcoming challenges associated with version control in game development to streamline collaboration and project management.

LEADERSHIP EXPERIENCE

VEX Robotics

Team Captain

2021 - 2024
Redmond, WA

- Led and coordinated team activities, fostering collaboration and ensuring parallel workflows among team members.
- Guided a diverse group of coders and engineers towards a unified goal, facilitating cross-domain integration for effective project execution.

Achievements

- VEX VRC World Championship division semifinalist (top 40 out of 16,000 teams worldwide)
- VEX Washington State Championship finalist, 2nd place

University of Washington

Research Lab assistant

2020 – 2024
Seattle, WA

- Collaborated with a team of researchers to conduct cutting-edge research in the field of antibiotic resistance, including preparing experiment samples, meticulously gathering experiment data, and conducting data analysis.
- Acknowledged with gratitude in the published article titled "Increase in the community circulation of ciprofloxacin-resistant Escherichia coli despite reduction in antibiotic prescriptions".