

Ilyas Baratov

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 🌐 IlyasBaratov

Summary

Driven and detail-oriented **Software Engineering student** with a strong foundation in **Java, Spring Boot, Python, JavaScript, SQL, and Arduino robotics**. Experienced in building full-stack web applications and embedded systems, from concept to deployment. Demonstrated leadership as the **Founder and President of a student sports club** and **Student Lead at Cascadia College**, managing projects, events, and teams with precision and accountability. Known for strong problem-solving, fast learning, and a genuine passion for creating software that makes a real impact. Actively seeking opportunities to apply engineering skills in innovative, collaborative, and fast-paced environments.

Education

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| B.S. Washington State University (WSU) Everett , Software Engineering
• In progress. | Aug 2025 – May 2027 |
| A.A. Cascadia College , Computer Science/Pre-Engineering
• Completed associate's coursework prior to transfer to WSU Everett. | Mar 2023 – Jun 2025 |

Experience

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| Event Planning Assistant Intern — Ashgabat International School (QSI)
• Supported logistics and scheduling for school events; coordinated with staff and vendors.
• Practiced contingency planning and clear communication under deadlines. | Ashgabat, Turkmenistan
Mar 2022 – May 2022 |
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Leadership & Campus Involvement

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| Founder & President — Sports Club, Cascadia College
• Founded and led a student sports club to increase campus engagement.
• Organized recreational events and fostered teamwork among members. | Bothell, WA
Sep 2023 – May 2025 |
| Student Lead — Cascadia College
• Coordinated student activities and supported peer engagement initiatives.
• Collaborated with campus staff to improve student experience. | Bothell, WA
May 2023 – Mar 2025 |

Projects

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| Hotel Booking System
• Implemented a basic booking workflow with SQL data persistence and simple role separation (client vs. hotel).
• Focus on CRUD, data modeling, and correctness. | github.com/HotelProjects
🔗 |
| Hotel Booking System 2.0
• Extended system with Spring Boot and security/auth; HTML/CSS/JS front-end.
• Emphasis on maintainable structure, DTOs, and layered architecture. | github.com/Hotel2.0
🔗 |
| “Sober Driver” Platform
• Full-stack Java/Spring Boot app with authentication/authorization and PostgreSQL.
• Promotes safe driving via a secure request/dispatch workflow. | github.com/IlyasBaratov/DriverProject
🔗 |

Autonomous Arduino Robot

github.com/ArduinoProject



- Programmed a 4WD robot with sensors to navigate a labyrinth autonomously.
- Integrated motor control, sensor polling, and simple decision logic.

Technologies

Languages: Java, Python, JavaScript, SQL (PostgreSQL, MySQL, SQLite)

Frameworks/Tools: Spring Boot, Spring Security, React/Angular (exposure), Arduino, Git, Power BI

Languages

English (Fluent), Russian (Fluent), Turkmen (Native), Uzbek (Native), Turkish (Intermediate)