

Ilyas Baratov

[Everett, WA](#)
[✉ Ilyas.baratoff@gmail.com](mailto:Ilyas.baratoff@gmail.com)
[\(206\) 591-0455](tel:(206)591-0455)
[🔗 connect.ilyasbaratov.com](https://connect.ilyasbaratov.com)
[in ilyas-baratov](#)
[🌐 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 | Aug 2025 – May 2027 |
| | <ul style="list-style-type: none"> • In progress. | |
| A.A. | Cascadia College , Computer Science/Pre-Engineering | Mar 2023 – Jun 2025 |
| | <ul style="list-style-type: none"> • Completed associate's coursework prior to transfer to WSU Everett. | |

Experience

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|--|--|---|
| Event Planning Assistant Intern | — Ashgabat International School (QSI) | Ashgabat, Turkmenistan
Mar 2022 – May 2022 |
| | <ul style="list-style-type: none"> • Supported logistics and scheduling for school events; coordinated with staff and vendors. • Practiced contingency planning and clear communication under deadlines. | |

Leadership & Campus Involvement

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|--------------------------------|--|------------------------------------|
| Founder & President | — Sports Club, Cascadia College | Bothell, WA
Sep 2023 – May 2025 |
| | <ul style="list-style-type: none"> • Founded and led a student sports club to increase campus engagement. • Organized recreational events and fostered teamwork among members. | |
| Student Lead | — Cascadia College | Bothell, WA
May 2023 – Mar 2025 |
| | <ul style="list-style-type: none"> • Coordinated student activities and supported peer engagement initiatives. • Collaborated with campus staff to improve student experience. | |

Projects

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|---------------------------------|---|--|
| Hotel Booking System | <ul style="list-style-type: none"> • 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 | <ul style="list-style-type: none"> • 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 | <ul style="list-style-type: none"> • 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)