

# Suleyman Rejepov

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## Objective

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Electrical Engineering student at Georgia Tech seeking a Machine Learning Intern position in autonomous systems and robotics for Summer 2026 or Spring 2027. Interested in applying machine learning to perception, sensor data processing, and real-time decision-making in autonomous platforms, with a strong foundation in C++ programming, Calculus, and Statistics.

## Education

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**Georgia Institute of Technology | Atlanta, GA**  
Bachelor of Science in Electrical Engineering, GPA 3.84

*August 2024 – Present*  
Expected Graduation, May 2028

## Skills

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**Programming:** C++, Python, MATLAB, C

**Professional Organizations:** Residence Hall Association

**Communication:** Technical reports, presentations (large and small audiences)

**Languages:** English (fluent), Russian (fluent), Turkmen (fluent), German (beginner)

## Experience

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**Georgia Institute of Technology | Atlanta, GA**  
*Drop-in Tutor / Teaching and Academic Support*

*August 2025 – Present*

- Guide ~15 students per week in Newtonian mechanics, Electricity and Magnetism, MATLAB, and undergraduate mathematics, clarifying analytical concepts and improving creative problem-solving approaches.
- Encourage creative problem-solving techniques by exploring multiple solution pathways, resulting in flexible reasoning in tackling problems.

**Georgia Institute of Technology | Atlanta, GA**  
*Conference Assistant / Conference Services*

*May 2025 – August 2025*

- Supported large-scale campus conference operations by coordinating logistics, communicating with diverse stakeholders, and responding to real-time issues in fast-paced environments, demonstrating adaptability, structured problem-solving, and reliability under operational constraints.

## Relevant Coursework

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**Signal Processing:** Discrete-time signals and systems; sampling and aliasing; Fourier analysis (DTFT/DFT); FIR and IIR digital filters; convolution and frequency response; MATLAB-based signal processing (in progress)

**Mathematics for Engineering:** Differential Equations; Multivariable Calculus; Linear Algebra; Integral Calculus; Differential Calculus

## Leadership or Activities

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**Financial Coordinator | Residence Hall Association**

*August 2026 – Present*

- Manage and allocate a \$6,000 annual budget for event supplies and resident activities across three residence hall buildings, coordinating purchases, tracking expenses, and ensuring responsible use of funds over one year.

**President, Physics Olympiad Team | Specialized School #7, Ashgabat, Turkmenistan**

*September 2022 – January 2024*

- Led and coordinated a competitive team of ~20 students, overseeing technical preparation for school-level and citywide Physics and Math Olympiads.

## Honors

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- **Advanced C++ Certificate of Completion**, 1-year program - IT Education Academy (ITEA)
- **2<sup>nd</sup> Place**, Citywide Physics Olympiad - Ashgabat, Turkmenistan (January 2023)
- **3<sup>rd</sup> Place**, Citywide Mathematics Olympiad - Ashgabat, Turkmenistan (January 2024)

**Interests:** Machine learning, autonomous systems, applied mathematics, physics-based modeling, systems programming