

Arsenii Shirokov

Mechanical & Automation Engineering

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EDUCATION

Bachelor of Science in Mechanical Engineering | Minor in Automation Engineering

Missouri University of Science & Technology | August 2024 - Exp. December 2027 | 3.96 GPA

High School Diploma

Jenks High School | Graduated in May 2024 | 3.97/4 GPA | 4.14 GPA Weighted

EXPERIENCE

Missouri University of Science and Technology | Rolla, MO

Teaching Assistant | August 2026 – Present

- Grade assignments, midterms, and lab reports while providing actionable feedback to improve student performance.
- Collaborate with primary faculty to refine curriculum materials and coordinate grading criteria.

FIRST Robotics Competitions | Tulsa, OK

Chief CAD Engineer | September 2020 – May 2024

- Analyzed the game and created design requirements for Jenks High School robots.
- Organized individual systems and general structure prototyping process.
- Supervised and participated in the CAD design process.
- Prepared production and assembly documentation for other subteams.
- Mentored new students in CAD design, enhancing their skills and knowledge.

SKILLS

AUTODESK INVENTOR

ROCKWELL PLC

3D PRINTING

CERTIFICATIONS & HONORS

OKLAHOMA SEAL OF BILITERACY

Intermediate-Mid Proficiency in English and Russian, 2024

MISSOURI UNIVERSITY OF SCIENCE AND TECHNOLOGY DEAN'S LIST

Qualified for earning a 4.0 in all subjects, Fall 2024 - Spring 2025