

Easton Ingram

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<https://eastoningram.com>

Education:

Missouri University of Science & Technology
B.S. Mechanical Engineering
Minor: Computer Science

December 2024
GPA: 3.6/4.0

Experience:

National Security Agency Baltimore, MD
Future of Computing Summer Intern June 2023 – August 2023

- Collaborated with a team of interns and technical experts
- Explored massively scalable and efficient parallel sorting algorithms on HPC systems
- Presented results to experts and co-authored a technical report describing the work

Missouri University of Science & Technology Rolla, MO
Undergraduate Research Fellow – MAE Department May 2022 – May 2024

- Simulated electrostatic transport of lunar dust
- Developed efficient and quality code through research with a team
- Optimized dynamic system using machine learning

Missouri University of Science & Technology Rolla, MO
Aerodynamics Project Engineer – Formula SAE Team Aug 2021 – May 2022

- Designed and implemented the 2022 racecar rear wing using CAD software
- Created CFD simulations to analyze designs and improve the aerodynamic package
- Worked on a team to build a racecar and compete globally

Publications:

Berkhoff, A., Ingram, E., Rezaei, F. *et al.* Kinetic modeling of dust grain dynamics in electrostatic sieving. *Comp. Part. Mech.* (2024). <https://doi.org/10.1007/s40571-024-00729-8>

Skills:

-Siemens NX	-Star CCM+	-C/C++
-Python	-Chapel	-Fortran
-MATLAB	-Linux	-LaTeX

Honors and Activities:

- Missouri State FFA Degree
- Missouri **Boys State - Attendant**
- Salem **FFA Chapter - Treasurer**
- Salem High School **National Honors Society - Vice President**