

Aidan Stalker

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OBJECTIVE

Seeking a mechanical engineering internship applying design, CAD, and programming skills to projects with opportunities for collaboration and innovation.

EDUCATION

The Ohio State University, Columbus, OH
B.S. Mechanical Engineering, May 2023
Minor in Computer and Information Science
GPA: 4.00/4.00

Lake High School, Uniontown, OH
Valedictorian with Diploma of Distinction
GPA: 4.57/4.00

PROFESSIONAL EXPERIENCE

Bridgestone Americas, Akron, OH

New Concept Team Intern Engineer (May - August 2019)

- CAD modeled custom-designed machine parts
- 3D printed prototypes and unique parts while training others
- Balanced several major projects related to tire construction, electronic sensor mounting, and rubber sample quality
- Developed mechanical experience with fixtures, cores, automotive suspensions, and tire design

Lake High School, Uniontown, OH

IT Support Technician (May - August 2018)

- Performed hardware and software upgrade and replacement
- Managed service requests and communicated with client
- Instructed teachers through professional development technology training

SPECIALIZED SKILLS

- **Certifications:** Google Cloud Certified, GenYES IT Support Certified
- **Collaboration:** Experience working with senior engineers, IT support staff, and in the classroom
- **CAD Packages:** Inventor, SolidWorks, Creo, Autodesk Meshmixer
- **Additive Manufacturing:** Taz Lulzbot Printers, Simplify3D, Ender 3, Cura, Markforged Printers, Eiger
- **Programming:** Java, Python, C#, MATLAB
- **Others:** Unity, Visual Studio, Adobe Premier, Excel

AWARDS & DISTINCTIONS

- National Merit Commended Scholar
- National Honor Society President
- National AP Scholar
- Canton Repository Teen of the Month Award
- President of winning STEM Goodyear Rube Goldberg Team
- STEM Exploration and Engagement Freshman Representative

VOLUNTEERING & EXTRA CURRICULARS

Activities: STEM Exploration and Engagement Scholar Leadership Council (2019 – Present), Buckeye Space Launch Initiative (2020 – Present), Big Data Analytics Association Member (2019 – Present), Campus Crusade (2019 – Present), OSU Hackathon by HackOHIO (2019), OSU Makeathon by HackOHIO (2020)

Volunteering: Freshmen Mentoring Program (2017 – 2019), Sixth Grade Camp Counselor (2017 – 2019), Quail Hollow State Park (2012 – 2019), National Honor Society President (2018 – 2019)