

Aiden Shaevitz

shaevita@oregonstate.edu | (971) 208-2780 | [linkedin.com/in/aiden-shaevitz](https://www.linkedin.com/in/aiden-shaevitz) | [shaevitzaiden.github.io](https://github.com/shaevitzaiden)

Education

Oregon State University | Bachelor of Science

Expected Graduation: December 2020

- Majoring in Mechanical Engineering with a 3.9 GPA
- Relevant Coursework : System Dynamics and Controls, Intro to Instrumentation and Measurement Systems, Intelligent Robotics
- Involvement: Intelligent Machines and Materials Lab, Overclocking Club

Experience

Oregon State University | Undergraduate Learning Assistant

September 2020 - Current

- Assist undergraduate students in developing their understanding of control systems.
- Provide grading assistance to graduate teaching assistants.

Oregon State University | COE Peer Tutor

March 2020 - June 2020

- Assisted students with core mechanical engineering concepts such as dynamics, thermodynamics, fluid mechanics, heat transfer, sensors and instrumentation methods, and control systems.

Heat Transfer Lab | Undergraduate Research Assistant

September 2018 - December 2018

- Work under OSU assistant professor Joshua Gess on characterizing thermal management systems for the Oculus Rift VR headset.

Projects

IR Tracking Robot | Controls and Programming Lead

- Utilized an Arduino to develop a wheeled robot to track and follow infrared beacons.

Human Powered Machine | Design Team

- Collaborated with the Bountiful Backyard non-profit organization to best satisfy their needs.
- Designed a drive-train to transfer power from a bicycle to a generator.

Awards

URSA Engage Award Recipient

January 2018

- Received funding to research convective heat transfer through the use of diffraction patterning techniques.
- Presented at Oregon State's undergraduate research symposium.

Skills

Hardware

- 3D printing, Manual Mill, Lathe, Arduino, woodworking

Software

- SolidWorks

Programming Languages

- MATLAB, Python