

Alicia Cox

(440) 666-7449 Cox.1237osu.edu

EDUCATION

The Ohio State University, Columbus, Ohio. Expected graduation, May 2021

Department of Engineering, FABE Major *Food, Agriculture and Biological Engineering* with emphasis on Biological engineering.

Courses include: Calculus (3), Physics (2), Organic Chemistry, Fluid Dynamics, Thermodynamics, Engineering Economics, Mechanical Engineering - Statics.

OSU STEP Program Fellowship Participant (2018-2019).
Designed and built a computer.

OSU Honors & Scholars Program, STEM Exploration Scholars (2017-2019)

SKILLS

SolidWorks 3D Engineering Design; **AutoCAD** Engineering Design and Drafting; **MATLAB** Engineering Computer Programming; **Microsoft** Word, Excel, and PowerPoint.

WORK EXPERIENCE

Lab Assistant, *The Ohio State University* College of Dentistry (Feb. 2019-Present) Carry out genotyping protocol, help manage mouse colony and assist with sample harvests. Completed Lab Certification and Animal Handling training

Sales Associate, *Dick's Sporting Goods, Aurora, OH* (August 2017-Present)
Provide quality customer service, stock merchandise, and organize store.

Leadership and Extracurricular Activities

STEM Outreach Club, *The Ohio State University* (Aug. 2019-Present)
Executive Board Member; Engineering Council Representative, liaison between engineering stem outreach engineering council.

Biomedical Engineering Club, *The Ohio State University* (August 2017-Present.)
Member; A club that helps students connect to biomedical engineering opportunities.

Society of Women Engineers, *The Ohio State University* (August 2018-Present.)
Member; SWE helps women in engineering achieve their full potential in the field.

Intramural Soccer, *The Ohio State University* (August 2017-Present)
Team Captain; Recruit and coach members.

Girl Scout Gold Award (equivalent to Eagle Scout). Designed and implemented a hands-on STEM program for Boys and Girls Clubs of Cleveland.