

Lauren Pham

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EDUCATION

The Ohio State University, Columbus, OH
B.S. Electrical and Computer Engineering
University Honors Program

Expected Graduation: December 2021
Overall GPA: 3.61
Major GPA: 3.81

EXPERIENCE

Stryker Medical, Portage, MI

Advanced Operations Engineering Intern, May 2021 – August 2021

- Validated and optimized end of line testing software and calibration code
- Solved problems on the floor as they arose and worked to produce long term solutions

Ethicon, Inc., Johnson & Johnson, Cincinnati, OH

Quality Engineering Co-op, August 2019 – December 2019

- Performed testing, verification, and validation supporting surgical devices new product development
- Focused specifically with PFMEA, DFMEA, and risk mitigation of 8 different biomedical tools

OsteoEngineering Lab at The Ohio State University, Dept. of Plastic Surgery, Columbus, OH

Undergraduate Research Assistant, September 2017 – April 2019

- Developed a 3D printed biodegradable scaffold for facial reconstruction
- Lead a project team working to validate a perfusion bioreactor through computational fluid dynamics and finite element analysis studies

Honors Robotics, The Ohio State University College of Engineering, January – April 2018

- Collaborated with three team members, creating an autonomous robot which completed a standardized course under 90 seconds in the Fundamental of Engineering Honors course
- Led the project management and constructed electrical systems of the robot

Proctor & Gamble, Cincinnati, OH

Customer Data Analytics and Project Management Intern, May – August 2017

- Established, reviewed, and implemented over 1,000 test cases for the migration of data warehouses
- Created operational communication plan and strategies for improving the end user experience

QUALIFICATIONS

- **Relevant Coursework:** Robotics, Microcontrollers, VHDL, Quartus, Statistics
- **CAD Programs and 3D Modeling:** COMSOL Multiphysics, SolidWorks
- **Computer Programming:** Python, C, C++, Java, SQL, MATLAB

ACTIVITIES

College of Engineering Ambassadors, Ohio State University, November 2018 - Present

- *Vice President*, April 2020 – present: Assists in representation and membership coordination. Led the process of transitioning to online recruitment.
- *Recruitment Chair/Secretary*, April 2019 – April 2020: Recruiting new members to the organization and facilitating the selection process.

Women in Engineering Learning Community, Office of Diversity and Inclusion, August 2017 - Present

- Mentors for prospective and first year Women in Engineering, promoting diversity within engineering
- Leads and participates in community service events, industry site events, and career panels
- Serves as a WiE Ambassador and volunteered to assist leading the Early Arrival Program

Student Leadership Advocates, Office of Student Life at OSU, March 2018 - Present

- *Student Advisory Group*, May 2020 – Present: Served as lead representative within Student Activities.
- Facilitates over 100 workshops for different student organizations on campus as an organization after completing a 6 month certification process in leadership education and training