

MEGHAN E. POLLARD

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EDUCATION

Georgia Institute of Technology, College of Engineering

Bachelor of Science in Biomedical Engineering, Industrial Design Minor

Henry Ford II Scholar – Top BME undergraduate, Stamps President's Scholar

Atlanta, GA

Graduation: Dec. 2019

GPA: 4.0

EXPERIENCE

Mayo Clinic Device Development – Pulmonology

Jacksonville, FL

Convergence Science Intern with Dr. Augustine Lee

August – December, 2019

- Member of 4-person team selected through competitive Georgia Tech Capstone interview series to partner with clinician in developing assistive pulmonary device for patients with late stage obstructive lung diseases
- Investigating user needs, creating design requirements, prototyping, and verification/validation testing

Stryker Sports Medicine

Greenwood Village, CO

Downstream Marketing Intern

May – August, 2019

- Creation of marketing and sales literature for new product launch support
- Management of a cross-functional initiative to improve sales support and marketing literature traceability and consistency
- Critical support of surgeon training labs, classroom and cadaver labs, trade shows, and HCP courses

Stryker Mako

Davie, FL

Robotic Portfolio Strategy Intern

May – August, 2018

- Conducted market assessment of Ambulatory Surgery Centers (ASCs); presented findings & suggestions to leadership
- Developed Post-Market Surveillance template specific to Stryker robotics projects
- Upstream marketing point-of-contact for development projects; interviewed medical professionals for market research
- Maintained contact and worked alongside multiple Stryker business units for future development projects
- Assessed various frameworks for defining user needs; provided guidance and suggestions for effective processes

Halyard Health

Alpharetta, GA

Digestive Health Research & Development Intern

January – May, 2018

- Worked as technical lead on a cross-functional team for recently-acquired medical device in Halyard's product portfolio
- Developed new accessory, defined market and product requirements, & managed ISO-compliant testing and research
- Developed technical specifications, drawings, and product artwork for products and accessories
- Drafted/routed ISO compliant testing protocols and reports for feasibility, engineering build and design verification testing
- Maintained contact between distributor, manufacturer, and testing site in separate locations (domestic & international)

Ecolab/Microtek Medical

Alpharetta, GA

Research, Development, and Engineering Intern

May – August, 2017

- Developed protocols, work instructions, control plans, and manufacturing management documents
- Managed meeting notes, action items, and project timeline/flowchart for 20+ person extended team
- Led operator's manual overhaul and finalization, and prepared documents for IEC 60601 review
- Material testing lab experience with dogbone tensile testing, flexible barrier strength testing, and hydrostatic pressure testing at baseline and accelerated aging time points

Georgia Institute of Technology Biomedical Engineering

Atlanta, GA

Group Facilitator and Teaching Assistant, Problems in Biomedical Engineering

4 semesters, 2017-2019

- Facilitate device development process (focus on user needs and project definition); grade and provide feedback for development

Service Gap Year

Tanzania, Honduras, Poland

Served in schools, health clinics, and orphanages in impoverished communities

2014 - 2015

- Independently taught kindergarten – secondary school classes, observed/volunteered in health clinic, orchestrated telemedicine program for US doctors to provide diagnosis of Honduran orphans

LEADERSHIP

Project Manager/Developer, Lights for Learning

Nov. 2014 - Present

- Started an independent fundraising campaign to provide solar lights to students in the village of Pommern, Tanzania and raised over \$2,000 in support of the project

Georgia Tech Student Ambassador

Jan. 2017 – Jan. 2019

- Represent 21,000 members of the student body by serving as official host of the Georgia Tech Alumni Association and welcome members to the Georgia Tech community at Institute events and tours

Chief Recruitment Officer, Kappa Alpha Theta

Nov. 2017 – Nov. 2018

- Leads a board of 8 members, manages a \$35,000 budget, acts as a liaison between the GT chapter and nationals, and creates a strategic plan to successfully execute formal recruitment

Thread Leader, Stamps Scholars National Convention

Jan. 2016 – Apr. 2017

- “The Evolving Infrastructure of Global Health” Team lead, planning and executing events and programming for >100 scholars

Retreat Leader, Stamps Scholars First Year

Nov. 2016 – Aug. 2017

- Managed a group of 12 scholars planning a 3-day retreat, acted as a liaison between office staff, student team, and faculty guides while ensuring that team deadlines are met and managed a budget of \$10,000

SKILLS/INTERESTS

Proficient in Visio, Project, Excel, PowerPoint, Word, Outlook; experience in MATLAB & Solidworks; collegiate club volleyball; passionate about women's education and improving patient health outcomes