

Morgan G. Fuller
1250 1st Street
West Lafayette, IN 47906
mgfuller333@gmail.com

Objective

To obtain an internship in the discipline of Mechanical Engineering to gain valuable work/leadership experience in a team-oriented environment.

Education & Skills

Purdue University (West Lafayette, IN)

August 2017- Present

- Bachelor of Science in Mechanical Engineering
- Minor: Organizational Leadership
- Certificate in Entrepreneurship and Innovation
- Forbes 30 Under 30 Scholar

Technical Skills: Corel DRAW (laser engraver), CAD, 3D Printing, Arduino, MATLAB, Minitab, C/C++

Professional Experience

Tesla Motors, Fremont CA – Process Engineer Intern

January 2019-April 2019

- Facilitated Body-in-White process control changes for Model 3/S
- Led Model 3 metrology projects for Body Accuracy Technicians
- Redesigned 8 precision locating pins for KUKA robot tooling for 4 Model 3 door assemblies.

Eaton Corporation Clutch Division – Product Engineer Intern

May 2018-August 2018

- Lead, analyzed and communicated 6 projects for R&D Testing
- Designed and lead plan of action for technicians for R&D testing
- Developed MATLAB algorithms to be used to sort/mine data
- Reverse-engineered a CAD model of motor stand to analyze efficiency

Minority Engineering Program - (Purdue) – Asst. Project Manager

June 2019-May 2019

- Develop *Technical Project Management* curriculum for 35+ incoming freshman
- Designed team structures for students to use the engineering process, soft skills, and technical management to build and race go karts
- Managed Technical Project for 5 teams with \$20,000 worth of assets and spending

Invoke Innovations – Co-Founder

May 2020 - Present

- Developing wearable IoT products and software to optimize ergonomic excellence
- Optimize client costs and safety regarding ergonomics through cloud computing and small form factor sensors
- Competed in Purdue Burton D Morgan Business Model Competition and won 5th place

Leadership/Involvement

National Society of Black Engineers (NSBE) - (Purdue)

September 2017-Present

NSBE Racing team - Driver/Crew Chief

- Restored/managed NSBE motorsports team with 15+ members to compete in annual Purdue Grand Prix race.
- Designed team structure, budget, and coordinated all logistics
- Design, build, and race a go kart in Grand Prix with budget of \$10,000 in total assets & money
- Established NSBE Grand Prix Alumni network to connect team members with mentors and job opportunities

NSBE Corporate Relations Chair

May 2019 -May 2020

- Fundraise \$20,000 annually to fund NSBE chapter activities for 120+ NSBE members
- Seek and facilitate 20+ industry partnerships
- Developed and coordinated Industrial Mentorship Program with industry partners

NSBE Region IV Competitions Coordinator

September 2019 – May 2020

- Direct logistics to empower engineers through technical competitions
- Facilitate 50+ NSBE Chapters in all regional conference competitions