

## First Year Resume Sample

# Sparty Engineer

E. Lansing, MI | spartyegr@msu.edu | (517) 555-5555 | LinkedIn URL

*Leveraging quantitative and technical skills combined with a commitment to integrity and team; seeking an internship position to learn while adding value*

## EDUCATION

**Michigan State University**, E. Lansing, MI GPA: 3.75  
*Bachelor of Science, Mechanical Engineering* May 2025

**East Lansing High School**, E. Lansing, MI GPA: 3.90  
*High School Diploma* June 2021

## EXPERIENCE

**Michigan State University**, E. Lansing, MI Oct 2021  
*Introduction to Engineering Design, Course Projects*

- Collaborated with a team of 5 to develop an app using MIT App Inventor to encourage socialization and involvement among first year college students; promoted events, student groups, and incorporated a messaging feature
- Utilized Legos and Simulink to design and create a robot to follow a precise path and deliver an object; improved time of delivery by 20% through continual modification

**Tropical Smoothie Café**, Okemos, MI May 2020 – May 2021  
*Cashier*

- Met all standards and expectations; prepared products, cleaned equipment, and managed cash register to support quality and efficient workflow
- Gained customer service abilities using interpersonal skills, positive attitudes, and company policy knowledge to resolve customer concerns

**Private Family**, E. Lansing, MI May 2019 – May 2020  
*Babysitter*

- Entrusted to aid children with tasks such as eating, sleeping, and toilet training to ensure proper care and safety
- Supported family learning goals by creating educational exercises, challenges, and games for reading and mathematics

## INVOLVEMENT

American Society of Mechanical Engineers (ASME), *Member* Aug 2021 - Present  
East Lansing HS Marching Band Sept 2017 – Oct 2020

- Served as trumpet section leader Fall 2020; demonstrated effective marching technique and mentored younger members ensuring a successful season

## AWARDS

Michigan State University, Alumni Distinguished Scholarship May 2020  
Science Olympiad, 1<sup>st</sup> Place October 2019

## TECHNICAL SKILLS

Microsoft Excel – Proficient  
Computer Aided Design (CAD) – Proficient

## Sophomore/Junior Resume Sample 1

### *Sparty Engineer*

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*Leveraging quantitative and technical skills combined with a commitment to integrity and team; seeking an internship position to learn while adding value*

#### EDUCATION

**Michigan State University** – E. Lansing, MI

GPA: 3.75

*Bachelor of Science, Mechanical Engineering*

May 2023

#### EXPERIENCE

**General Motors** – Warren, MI

*Mechanical Engineering Intern*

May 2021 – Aug 2021

- Designed and drafted detailed drawings using AutoCAD for net tractor-trailer despringers to decrease loading failure
- Manually assessed and implemented new stripper door gravity blocks for increased safety during lockout situations
- Participated in design reviews, plant visits, and conducted failure analysis to ensure component standards were met

#### PROJECTS

**Independent Project** – E. Lansing, MI

May 2020-Aug 2020

- Built a PC video game controller using an Arduino kit allowing for easier navigation than traditional game play on a computer keyboard

**John Holland Virtual Experience Certificate** – Virtual: theforage.com

March 2020

- Calculated volumes of concrete for pile caps and abutments for a bridge by reading structural drawings and utilizing attention to detail
- Increased design and CAD knowledge by analyzing and comparing building plans to determine the most economical and sound design

**Intro to Engineering Design Course** – E. Lansing, MI

Oct 2019

- Collaborated with a team of 5 to develop an app using MIT App Inventor to encourage socialization and involvement among first year college students; promoted events, student groups, and incorporated a messaging feature
- Utilized Legos and Simulink to design and create an automated robot to follow a precise path and deliver an object; improved time of delivery by 20% through continual modification

#### LEADERSHIP & VOLUNTEER ACTIVITY

- Member, American Society of Mechanical Engineers - MSU Chapter Aug 2021 - Present
- Member, MSU Strength Augmenting Robotic eXoskeleton Team (STARX) Aug 2020 - Present
- Volunteer – YMCA of Detroit Aug 2020 – Present

#### TECHNICAL SKILLS

*Proficient:* Python, Google Analytics, Excel, AutoCAD, Basecamp, Microsoft Office Suite, Google Suite

*Intermediate:* Siemens NX 11.0, Asana

## Sophomore/Junior Resume Sample 2

### *Sparty Engineer*

East Lansing, MI | spartyegr@msu.edu | (517) 555-5555 | LinkedIn URL

*Mechanical engineering student and club leader offering outstanding analytical, technical, and research skills seeking internship opportunities within mission-driven organizations*

#### EDUCATION

**Michigan State University** – E. Lansing, MI

*Bachelor of Science, Mechanical Engineering, GPA: 3.75*

May 2023

#### EXPERIENCE

**General Motors** – Warren, MI

*Mechanical Engineering Intern*

May 2021 – Aug 2021

- Designed and drafted detailed drawings using AutoCAD for net tractor-trailer despringers to decrease loading failure
- Manually assessed and implemented new stripper door gravity blocks for increased safety during lockout situations
- Participated in design reviews, plant visits, and conducted failure analysis to ensure component standards were met

**Michigan State University** – E. Lansing, MI

*Undergraduate Research Assistant, College of Engineering*

Aug 2020 – May 2021

*Project: Built efficiency models for reducing natural gas consumption in the state of Michigan*

- Assessed data from 16 peer-reviewed journal articles to build knowledge about gas usage, existing efficiency models, and future projections
- Leveraged Power Pivot in Excel to develop efficiency models designed to reduce natural gas consumption in Michigan by an average of 7% annually through 2025
- Honed writing skills by authoring paper on natural gas efficiency and delivered PowerPoint presentation for annual campus research conference; earned 2<sup>nd</sup> place within 25 submissions

#### LEADERSHIP

**American Society of Mechanical Engineers – MSU Chapter**

*Vice President*

Aug 2021 – Present

- Led corporate relations committee to develop and implement 2021 strategic initiatives to increase sponsorships; outreach and engagement efforts produced \$10K increase in donations
- Facilitated weekly meetings using virtual applications; designed interactive networking and education exercises to engage ~45 member participants

#### INVOLVEMENT & TECHNICAL SKILLS

Member & Vice President, American Society of Mechanical Engineers

Aug 2020 - Present

Member, MSU Strength Augmenting Robotic eXoskeleton Team (STARX)

Aug 2020 - Present

Volunteer, Red Cross

Sept 2018 – Nov 2020

*Programming Languages & Analytical Tools:* Python, Google Analytics, Advanced Excel

*Computer Aided Design (CAD):* AutoCAD, Siemens NX 11.0

*Project Management Applications:* Basecamp, Asana;

*Productivity Software:* Microsoft Office Suite, Google Suite

## Sparty Engineer

E. Lansing, MI | [spartyegr@msu.edu](mailto:spartyegr@msu.edu) | 555.555.5555 | LinkedIn URL

### EDUCATION

#### Michigan State University

Bachelor of Science, Applied Engineering Sciences, GPA: 3.75

E. Lansing, MI

May 2022

#### Cambridge University

Study Abroad Program, Finance and Business Law Courses

Cambridge, England

May 2019 – August 2019

### EXPERIENCE

#### GE Energy- Financial Management Program (FMP)

Atlanta, GA

Digital Energy Intern

May 2021 – August 2021

- Designed Excel tool to measure productivity across 16 global business segments for weekly forecasting dashboard; provided new visibility and insights to improve operating efficiencies
- Identified best practices for modeling price change within a \$2B business; partnered with 17 manufacturers to develop and pitch standardized processes across the global planning team
- Updated and audited financial trackers and designed templates to calculate impact of product mix to business; delivered timely and accurate forecast for quarter end reports
- Led city-wide GE community service program, directed 3-large scale events and elected teams to manage publicity, finances, and logistics; efforts generated \$250K in sponsorships and donations

#### Consumers Energy

Jackson, MI

Planning Intern

April 2018 – August 2018

- Determined return on equity for \$2.6B gas segment using DCF analysis and proxy risk assessments; recommendations were approved and used for subsequent rate case proceeding
- Created Excel model analysis for YOY aging of \$54M production balance to support forecasting of site builds; improved prediction accuracy and strengthened management of working capital
- Researched 50 historical rate cases and analyzed impact of state regulatory activity on return on equity to build stronger testimony for upcoming trial

#### American Cancer Society, Relay for Life

E. Lansing, MI

Team Recruitment Committee Chair

January 2019 – Present

- Lead subcommittee of fifth largest national site, manage publicity and external relations; achieved ~18% annual growth in turnout, ~11% increase in donations since onboarding

#### The Generation Project

E. Lansing MI

Founding Campus Director

August 2018 – Present

- Directed university chapter of start-up educational charity in first year of operations, dedicated to expanding opportunities for students in low-income areas in Detroit
- Organized marketing campaign promoting participation in Chase Community Giving Challenge; awarded \$37K grant for top 100 charities among 500K+ applicants

### SKILLS

*Programming Languages:* Python, SQL; *Software Applications:* Microsoft Office Suite, Google Suite; *Project*

*Management Tools:* Basecamp, Asana; *Data Visualization:* Tableau, Excel, PowerPoint

*Additional:* Leadership, Initiative, [list can change based on **keyword matching** with the job description]