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| --- | --- | --- |
| Street Address  City, State Zip Code | **Your Name** | jstudent@mtu.edu  phone |

**SUMMARY**

Third year Mechanical Engineering Student with two internships and SAE enterprise experience. VP of SWE and member of Career Ambassadors. Skills in new product design, NVH, test validation, and manufacturing.

**EDUCATION**

Michigan Technological University | Houghton, MI

**BS Mechanical Engineering** | Concentration or Minor (optional) Expected May 2020

GPA: 3.0 | Department GPA: 3.5 (optional)

**INTERNSHIP and CO-OP EXPERIENCE**

ABC Company | Anytown, MI

Engineering Design Intern May – Aug 2016

**Project:** Design 16 console mats for 2017 Escape vehicles (European, Chinese, and America models)

* Analyzed performance and customer feedback, company design rules, material properties, optimal interference, supplier input, assembly features, visual appeal, and usability.
* Designed separate mat component using CATIA
* Modified design to adapt to projected design changes in collaboration with console engineers

**PROJECT EXPERIENCE**

Michigan Tech Consumer Products Enterprise program – team of 8

**Project:** Designed, tested, and produced charcoal kiln prototype to be used in manufacturing line for mass production and distribution in Benin, Africa.

* Remotely identified regional materials to construct kiln and reusable biomass for charcoal production
* Simulated production times based upon thermal properties of biomass options
* Calculated necessary cool-down times using thermodynamic equations to inform design
* Designed multiple kiln prototypes using Unigraphics NX 3D modeling software
* Created crowdfunding campaign and drafted promotional literature to promote project

**COMPUTER and TECHNICAL SKILLS**

|  |  |  |
| --- | --- | --- |
| * UGNX * MATLAB * Solidworks | * CNC Lathe/Mill Operation * Mig and Tig Welding * CATIA | * Powder Metallurgy * NVH * MS Office, MS Excel |

**LEADERSHIP**

**President**, ABC Sorority Sep 2015 – Present

* Raised membership by 50% with campus-wide promotional campaign
* Increased community service hours by 200% over two years

**Vice President**, Any Student Org, Sept. 2015 – present

**CO-CURRICULAR INVOLVEMENT**

**Career Services Ambassador** Sep 2015 – Present

* Provide career development mentoring to peers and logistical support for CareerFEST and Career Fair

**IM Broomball team member** Nov – Mar 2015

**WORK HISTORY**

**Career Services Learning Center Coach** Sep 2015 – Present

**Server**, The Best Resturant, Hometown, MI May – Aug 2014

**Lifeguard**, YMCA, Hometown, MI May 2013 – Sep 2014

**INTERESTS**

Mountain biking | skiing | ballroom dancing | Thai cooking | guitar