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|  | **Vanessa Hawkeye** |  |
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| **EDUCATION** |  |
| **University of Iowa** | **Iowa City, IA** | **May 20XX** |
| Bachelor of Science in Engineering |  | Overall GPA: 3.34 / 4.00 |
| MAJOR: Industrial Engineering | Focus Area: Big Data Analytics | Major GPA: 3.60 / 4.00 |
| **TECHNICAL SKILLS** |  |  |
| * AutoCAD
 | * Google Suite
 | * Pro Engineer
 |
| * C++
 | * Lean Manufacturing
 | * SketchUp
 |
| * PTC Creo
 | * Microsoft Office Suite
 | * SolidWorks
 |
| **INDUSTRY EXPERIENCE** |  |  |
| **Collins Aerospace** | **Cedar Rapids, IA** | **May 20XX – Dec. 20XX** |
| *Industrial Engineering Co-op* |  |  |

* Directed a layout redesign project worth $250K for the expansion of two product lines in a 35,000 ft2 facility
* Managed a continuous improvement project reducing build time for 15+ assembly designs using SAP
* Led weekly meetings with professional engineers to optimize all layout moves to increase growth rate of an Integrated Product Team (IPT)
* Reduced assembly time by 8% using various diagrams to aid decisions in layout of machines and stations
* Analyzed inventory costs and implemented alternative designs, resulting in a savings of $60K
* Designed and 3D printed new fixtures using SolidWorks for circuit boards to aid operators in repair and testing

# University of Iowa Hospital & Clinics Iowa City, IA Sep. 20XX – May 20XX

*Senior Design Project Consultant*

* Consulted for a team of radiologists to optimize patient schedules and alleviate bottlenecks in the Positron Emission Tomography (PET) Department
* Analyzed the flow of 400+ patients by creating time studies and fit distribution using analysis software
* Lobbied for additional patient prep rooms by presenting findings to Hospital Administration
* Designed a website using HTML to grant liaisons access to the project data

# RESEARCH EXPERIENCE

**Additive Manufacturing-Integrated Lab Iowa City, IA Sep. 20XX – May 20XX**

*Undergraduate Researcher*

* Collaborated with College of Dentistry to brainstorm current 3D printing plans for synthetic bone designs
* Researched and worked with three PhD students to improve efficiency of existing 3D printers
* Printed and analyzed 150+ microscopic shapes to determine the efficiency and quality of the 3D printed results
* Tested the viscosity and coating thickness of a printing material using digital projection techniques

# CAMPUS LEADERSHIP & INVOLVMENT

**SpaceX Hyperloop Design Competition Chicago, IL Jan. 20XX – May 20XX**

* Selected as one out of 1000 entries to compete amongst 150 teams in Design Weekend at Texas A&M
* Collaborated in a team of 16 to design several possible solutions for the hypothetical design of a hyperloop

# Society of Women Engineers Iowa City, IA Sep. 20XX – May 20XX

* + Served as treasurer for one academic year and monitored the organization’s overall finances
	+ Collaborated with the executive board to host networking events and employer visits to weekly and monthly meetings