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ETHAN TABBERT

EDUCATION UNIVERSITY OF IOWA, IOWA CITY, IA

May 2022

- B.A. Geoinformatics
- Iowa Honors 2019 – 2020
- Dean's List 2018

SKILLS & ABILITIES

- Programming experience with Python, Java, JavaScript, HTML, CSS, and SQL
- Proficient in data gathering, visualization, and classification
- Experienced with geographic information software such as ArcGIS, ArcMap, and ERDAS Imagine
- Experience with object-oriented programming and web development, as well as the design processes that go along with them
- Experience with GitHub repositories
- In-depth understanding of computer hardware troubleshooting and repair, human-computer interaction, and networking

EXPERIENCE UNIVERSITY OF IOWA DIVISION OF STUDENT LIFE, IOWA CITY, IA

Aug 2018 to Present

- Started as a student associate responsible for serving and some cooking in the Hillcrest dining hall. Promoted after the first year to a student lead position and promoted again after the second year to student manager
- Student manager is the highest position a student at the dining hall can obtain
- Responsible for ensuring everything is operating efficiently in the dining hall
- Responsible for hiring new employees, supervising scheduling, discipline, and ensuring customer satisfaction

INFORMATION TECHNOLOGY INTERN, OSKALOOSA, IA

May 2019 to Jan 2022

- Worked for Musco in the IT department during summer and winter breaks from college
- Responsibilities included managing a support ticket queue in which employees could submit issues
- Participated in troubleshooting live calls to our call center
- Tasks included computer repair, software deployment, hardware deployment, product warranties, and other miscellaneous tasks around the office, such as replacing printer toners

PROJECTS

HUMAN-COMPUTER INTERACTION – PEER TO PEER BOOK SALES

Fall 2021

- Designed and created a website along with three other group members to better understand how users interact with technology
- Using HTML, we designed an application which enabled students to view, buy, and sell textbooks from an online marketplace without need for a physical storefront
- The project underwent significant testing and surveying to better understand how to tailor the application to our users
- Included processes for logins, peer-to-peer messaging, and viewable data for each book posting

GEOSPATIAL PROGRAMMING PORTFOLIO

Spring 2021

- Collaborated with one other group member to assemble a portfolio of geospatial programming projects we created throughout the semester
- Utilized ObservableHQ.com, which uses a JavaScript library called D3 (data driven documents), along with HTML to create various visualizations for spatial data
- Projects included creating choropleth maps with multiple data classification schemes to display population density across Arkansas counties
- Another project utilized similar methods to display wildfires caused by arson across the United States from 1992 to 2015, which included animation written in HTML

GENERAL PROJECTS AT MUSCO

May 2019 to Jan 2022

- Worked on a variety of projects throughout Musco Lighting over the course of summer and winter breaks from college
- Worked with employees in Oskaloosa and Muscatine to schedule and deploy upwards of 400 computer monitors without supervision
- Completed an estimated 150 documented support tickets, not including undocumented support provided to users who contacted me directly or through the call center
- Worked on setting up, deploying, and repairing a variety of devices ranging from desktop computers, handheld scanners, laptops, mice, keyboards, headsets, monitors, webcams, printers, and plotters
- Gained experience with Kbox management tools, which included company asset management, software deployment, and support ticket queues

REFERENCES

WILLIAM CHILCOTE, MUSCO LIGHTING

(641)673-2616 - william.chilcote@musco.com

LISA SOSKIN, UNIVERSITY OF IOWA DIVISION OF STUDENT LIFE

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