Remington Brandenburger

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Education
- Graduated from University of Nebraska – Lincoln (May 2020)
  - Bachelor of Science in Computer Science
  - Minor in Mathematics

Information & Technology Experience
- IT Service Desk: Olsson (Omaha Office) (August 2021 – Present)
  - Assist in managing all IT assets of the Omaha, La Vista, Des Moines, and South Sioux City offices.
  - Manage organization of IT assets within the Omaha IT Office to help maintain an efficient workflow for the team.
  - Promptly attend to Olsson employees' IT related incidents through in-person, phone, and remote support sessions.
  - Thoroughly document IT incidents, requests, purchases, and contribute to the internal knowledge base.
  - Consult with Olsson employees to help find the best solutions to their IT related requirements.
- Internship: University of Nebraska / City of Lincoln (September 2019 – May 2020)
  - Built a web application for the wireless-testbed that is deployed in the city of Lincoln, NE.
  - The application reduced the complexity of uploading software to the wireless-testbed by providing a user-friendly interface and automatic scheduling.
  - I was a member of a team of fellow interns who collaborated in the development of the web-application.
  - I was named Development Manager of my team, which added further development decision responsibilities to my role in the project.
    - Example: I assigned roles for the team based on how to best utilize each team member's strength in order to complete tasks efficiently while staying within the constraints of the project.
  - Technologies Used: Python, Flask, GNURadio, SQLAlchemy, MariaDB, HTML, Docker, Mender, Google-Maps API.
- Hastings College IT Help Desk (January 2015 – May 2015)
  - Troubleshooted and resolved tech issues students had with their personal devices.
  - Maintained and updated equipment and software used across the campus.
  - Submitted, updated, and closed tickets in order to maintain an organized list of tasks for the IT department.
- Wesleyan IT Students (September 2014 – December 2014)
  - Performed routine maintenance and cleaning of all equipment across campus.
  - Monitored computer labs and aided students when needed.
  - Promptly responded to faculty calls when a technology problem disrupted a lecture.

Personal Projects
- Live Weather Station (October 2020)
  - I programmed a microcomputer to interface with a temperature and humidity sensor to collect readings on a 5-minute interval.
  - Utilizing the National Weather Service's application programming interface, the app provides a complete weather overview including weather forecasts and observations.
  - The overall system design emphasized robustness in order to achieve maximum reliability.
  - Technologies used: Python, JavaScript, HTML, CSS.
  - App available at: https://weather.remingtonb.net
- Inventory Management System (July 2020)
  - This project pushed me to strengthen my skills with HTML and CSS.
  - The system has search functionality and input form validation.
  - Object-Relation Mapping is used to add a layer of security against SQL injection attacks.
  - This is a functioning and deployed web-app, available to use on my website.
  - App available at: https://www.remingtonb.net/warehouse

Other Skills
- Operating Systems
  - Microsoft Windows, Various Linux Distributions
- Software
  - Microsoft Office, VsCode, Eclipse, Github, Zenhub, SNOW, VirtualBox