Katherine Bowers

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https://kbowers789.github.io/Portfolio

Profile

- Computer Science graduate with end-user experience and knowledge in data management for nonprofits
- Experienced in Python, SQL, Core Java, C/C++ with a working knowledge of CSS, JavaScript, and HTML
- Familiar with Git version control and Agile/Scrum methodologies
- Strong communication, writing, and reporting skills; proficient with Microsoft Office suite
- Developed projects individually and collaboratively within a team
- Willing to relocate

Education

University of New Haven | Master of Science | May 2019
Major: Computer Science | Major GPA: 3.88 / 4.0

University of Loyola Maryland | Bachelor of Science | September 2012
Major: Biology | GPA: 3.39 / 4.0

Work Experience

Connecticut Audubon Society   Fairfield, CT
Gift Entry & Acknowledgement Associate   September 2017 – August 2019
- Maintained and improved data integrity in the Raiser's Edge fundraising and donor management system
- Generated consistent and accurate reports and gift acknowledgements
- Collaborated with department members to continuously improve and streamline processes

Rett Syndrome Research Trust   Trumbull, CT
Administrative Assistant   May 2012 –December 2016
- Managed data entry, querying & reporting processes in MS Access database
- Remotely organized and maintained records for multiple fundraising events simultaneously
- Utilized Wordpress and available plugins to create crowdfunding campaign pages

Technical Experience

Academic
- *Object Oriented Design & Analysis* | Spring 2019
  - Developed a school administration dashboard in Python using UML documentation and Agile/Scrum methodologies
  - Discussed design patterns, methodology, and the concept of packaging
- *Software Project Management* | Fall 2018
  - Developed a simple, functional, puzzle game using HTML and JavaScript in an Agile/Scrum team
  - Studied and compared a variety of development lifecycles
- *Relevant Projects*
  - Applied multiple features of NumPy and Matplotlib libraries in Python to analyze and visualize data
  - Implemented a Dictionary GUI program using API services in Python

Personal
- Created a Core Java application to assign students to project groups based on ranked preferences
- Working on a Python and OpenCV based program to process a grid image into a written description