COSC 380 Spring Internship

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The Company

- Located in Bowie, Maryland
- A leading commercial furniture solutions company
- Operate all across North America
- Actively manage projects
- Ecoserv decommsian initiative, diverting furniture from landfills by donating, recycling and reselling
- Installhub, self service website for for customers

installnet

Inspired Workspaces Made Easy

Responsibilities/Tasks

- Worked mainly with the ecoserv initiative, and the teams apart of it.
- Pulled decommission data, to put together impact reports for different projects
- Learned from team members how they keep track of different data and products, and problems with them

Main Project, Inventory Sheet Generator

- Main issue with creating sheets is photos can be a lot of work to display
- Simple GUI walking users through steps to create inventory sheets
- An entire directory of product photos can be placed in the sheet simply
- Made with Python, utilizing:
    - Openpyxl, allows interactions with Excel
    - Tkinter, to create GUI
    - Pyinstaller, package dependencies into executable to be used on other

Connections to the Classroom

- Currently using Python in COSC 311

- Previous experience with front end design during 425 and 426

- File system knowledge from COSC 350

Challenges and Lessons

- Creating something to be used by others
- Continuing to learn a language through using
- Analyzing a problem and coming up with a solution
- How important software development is to every company
- Working together with different skill sets
- Keeping myself on task

Questions?