
Project Proposal: Honors Carolina Database For Resumes & Beyond

Conceptual pictures are just for explanation.
Final product can look very different - We're flexible.

The problem we see

- Honors Carolina: **2000 students across all majors, colleges, and interests**
 - Resume templates are of limited use when there's so much variety
- Students benefit from seeing real sample materials - such as resumes and cover letters - that other students have created, but ***it's difficult for students to find strong, relevant samples for their needs:***
 - "How do I explain that project I completed for class?"
 - "How should I describe my study abroad experience?"
 - "How do I describe my restaurant job in a useful way?"

The solution we're hoping for

- **Database where Honors Carolina students can easily filter vetted resumes from other students to find relevant matches**
- Browser-based tool
- Does not store the files; instead is a tagging/filtering interface for existing databases
 - Files could be stored anywhere where a hyperlink grants access (Dropbox, Google Drive, Microsoft Shared Folders, AWS, etc.)
- Staff add tags for each file
- Students search for documents by tag
- Adaptable beyond resumes

Tagging example

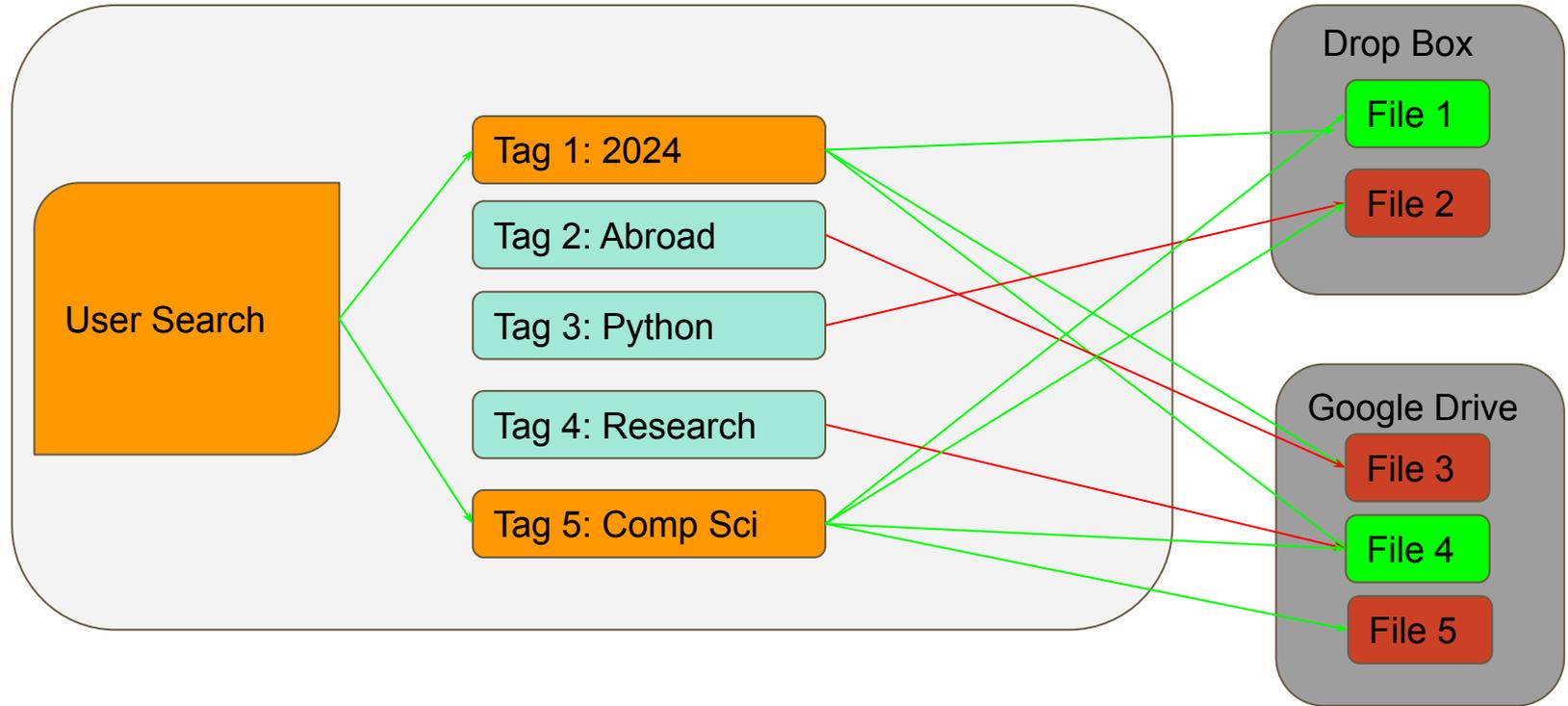
The screenshot shows the Honors Carolina website's search interface. At the top left is the logo for Honors Carolina. Below it is a search bar titled "Search by Tag" with a light blue background. Inside the search bar, three yellow tags are visible: "Resume", "Python", and "Java". To the right of the search bar is a green "SEARCH" button. Below the search bar is a table of search results. The table has three columns: "File Name", "Tags", and "File". Each row represents a resume with its name, a list of tags, and a "Click Here" link.

File Name	Tags	File
CSResume13565	Resume Python Java 2021 Projects SQL	Click Here
CSResume83001	Resume Python Java 2021 UI/UX	Click Here
UIResume23523	Resume Python Java 2022 Projects	Click Here
PhysicResume13bc5	Resume Python Java 2024 Physics Research	Click Here
CHEMResumec3x98	Resume Python Java Chemistry 2018 Research	Click Here
EDUCResume1ac65	Resume Python Java 2016 Education Projects	Click Here

In this example, resumes are tagged based on:

- Document type (resume)
- Class year
- Experience discussed in the resume (Python, Java, etc.)

Search relationship diagram



User searching for Class of 2024 Computer Science resumes will get back Files 1 and 4

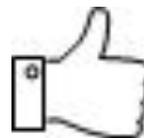
Workflow



Student drops
resume into
accepted location



Admin review of
resume is triggered.
Admin edits resume as
needed (removes
personal info, fixes
typos, etc.) and adds
tags



Admin grants
permission for
resume to be
searchable within
the interface



Users can find
resume in
search results,
by filtering
based on tags

Other features

- **3 role levels:** Admin, Super User, Student
- **Capacity:** Handle thousands of files, hundreds of tags, 3000 users, 200 concurrent users, each file can support up to 25 tags
- **Text search capability**
- **UI for**
 - Adding/removing/maintaining tag list
 - Adding/removing/maintaining user roles and active/inactive
 - Adding/removing/maintaining files (including tagging and marking files as personal info removed and consent received)
 - Users to search/access files based on tags
 - Tags are controlled list
 - Tool shows list of files that have those tags
 - The files may have more tags than the ones the user selects
 - The files may not have less tags than the ones listed (or best match ordering)

“Nice to Have” features

- Administrator Maintenance/Trending Reports
 - Ability to see tags with no files and files with no tags
 - Search History/Metrics: by Tag, by File, by User
 - File history change log (who added file, who added tag, etc.)
 - File access history (Most opened file, least opened file, etc.)

**Honors Carolina thanks you for
considering this project!**
