

Intern-Master

Considered your internship application done :)

Team 17 - CS 30700: Project Charter

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Problem Statement

There is a need for automated service to apply for internships. Because the internship applications forms are highly repetitive: each company has its own application system and the candidates must use that specific system to apply for a position. Most of the things on these forms are the same: first name, last name, school, graduation date, skills, projects, experiences, ethnicity, disabilities, gender, etc. Although sometimes the auto completion in Google Chrome or Apple Safari will do the magic for you, but the result is so minimal and ineffective. Many students find themselves copying and pasting when filling these forms. We think that an automated system with a smart 'brain' that would find and apply to intern positions would save students from physical labor and mental stress.

Project Objectives

- Build a CommonApp for internship applications
- Create and manage a database of users' personal information
- Ensure privacy of users' personal information
- Create and manage a database of users' login information
- Implement a login system
- Build a chrome extension to automatically fill in the application
- Manage a list of internship positions
- Suggested positions for the user based on their skills
- Build a crawler to gather different job information & job application form if needed for automation.
- Calculate the follow up rate based on the user information and the previous user results data.

Stakeholders

- Software Developers

- Ji Ma
- Nathaniel Young
- Ji Soo Cha
- Xinping Zhang
- Project Collaborators - none
- Customers/Users - students who are looking for an internship
- Managers - Our team's project manager

Deliverables

- A easy to use chrome extension UI using HTML and JavaScript.
- A backend based on Python using Django/Flask framework
- React/AngularJs based front end website allowing users to search for matching positions
- BaaS to store user information.
- A SQL based database that stores users' login information and application information.
- A chrome extension that can autofill intern forms.