

Officium Project Charter

A web app for keeping track of job and internship applications

Created by the Members of Team #2, CS 30700, Spring 2018

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Problem Statement

One of the biggest problems for job and internship applicants is keeping track of all the applications. It can be difficult to manage what information you have submitted, to whom you have talked, when to follow up, etc. The goal of Officium is to aggregate all the information from your job/internship search into a single user-friendly interface. Unlike other job tracking websites like JobTrack, Officium will allow users to better organize their job search by sorting by application preference, location, reviews, salary, and much more. Additionally, our project will also provide graphic visualizations like maps and Sankey graphics to overview their job/interview search.

Project Objectives

1. Keep track of all the user's job and internship applications in a cross platform, web-based application.
2. Allow users to log in with pre-existing external accounts like Google and GitHub, as well as create new Officium user accounts.
3. Remind users via email to follow up with a company if the expected response time has elapsed or if they have not received correspondence in a while.
4. Compare the locations of the potential workplaces with factors such as proximity and cost of living.
5. Visualize the user's job/internship search in a Sankey graphic.
6. Allow users to compare the companies to which they have applied using reviews from Glassdoor.

Stakeholders

Project Owners

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Developers

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Project Coordinator

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Users

- Current College Students
 - This demographic would primarily be using the application to keep track of all their internship applications.
- Recent College Graduates
 - These individuals might be looking for their first full-time career and applying to lots of places across their country.
- Currently Unemployed
 - Unemployed people are going to be applying to lots of different places in an effort to get hired.

Project Deliverables

1. A cross platform React front-end web application that allows users to record and view their job/internship applications.
2. A back-end using Firebase for the user information database, account authentication, and hosting.
3. Google Cloud Function's App Engine Cron service to schedule sending email reminders using Nodemailer and Gmail if a expected response time is approaching.
4. Map of the locations of current jobs/internships applications using the Google Map React Component.
5. Sankey diagram creation tool using Google charts to visualize the user's job/internship search.
6. Interface to display reviews and expected salaries for the various applied positions using data from Glassdoor's API.