

CS 410

Team 68++

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Abstract

Our team will produce a Google Chrome extension that links job posting pages to potential salary and interview information that can be found online about that job. This allows those looking at a job listing to very quickly determine whether they are interested in the job or if they would be able to successfully complete the interview, without even needing to do a separate search. This will be done by scraping websites where previous applicants & employees report information about their interview process and job offer. For the scope of this project, the focus of the extension would be on CS-related positions (Software Engineer Intern, IT Intern, Data Scientist, etc.) and would use information from websites such as Glassdoor and levels.fyi.

Datasets

- Glassdoor
- levels.fyi
- Reddit (if time permits)

Goals

Run the Chrome Extension on a large sample

Programming Language

Because Chrome Extensions are written in JavaScript, we will use JavaScript and Python as our back-end for the webscraping to be performed.

Work Estimation

Task	Time (hours)
Become acclimated with JavaScript	5
Create browser extension UI	10
Write scraping code for salary	10
Write scraping code for interview information	20

