

\$Salary Gallery



Stanford University
 CS448B - Data Visualization
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Problem

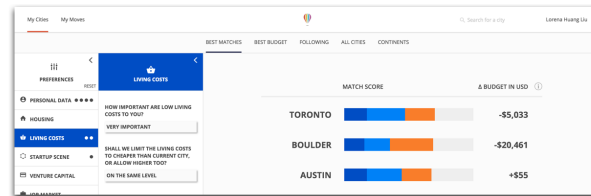
Existing tools to compare job offers often either handle only a single criterion, or are too broad and cannot be customized to each user's unique needs. These sources provide insight over one specific piece of information but lack the ability to connect pieces of information to the larger interplay of factors important in understanding the value of a salary offer.

Motivation

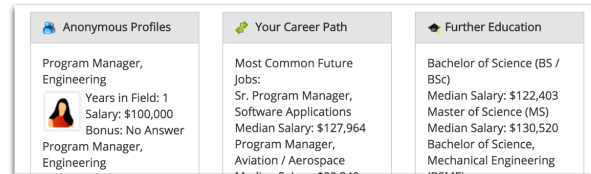
Our goal is to create a tool that allows users to make an informed decision about whether or not to accept a job offer based on salary. A salary data visualization tool that connects components relevant to salary analysis will allow users to better contextualize the costs and benefits of an offer.

Approach

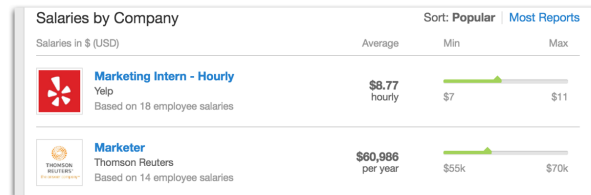
After researching existing work in the area and given existing visualizations, we chose components that would be necessary for a holistic overview. These include, salary over time, location-based pay-cost of living comparison, and company compensation comparison.



Teleport provides no salary comparison information but cost of living is well displayed



Payscale is job-centric but there is zero interactivity, one template for all



Glassdoor provides the same information for everyone, no personalization

Future Work

We envision a more comprehensive tool that allows comparisons between occupations with the same location. We further hope to add a more customized map that is also based on salary and tax information. Salary Gallery would predict a user's expendable income, which would be more practical than cost of living.

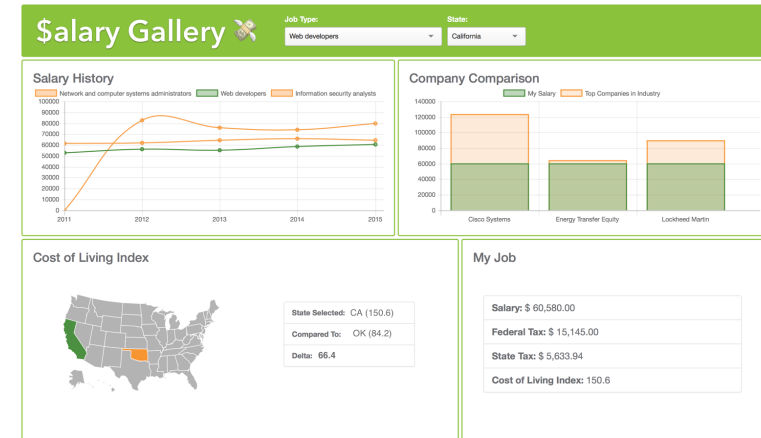
Results

Input:

- job title
- target state

Output (3 visualizations):

- Line graph**, with median salary over 5 years with muted lines representing similar job positions
- Bar graph**, comparing median salary in companies in the same industry
- Map**, illustrating cost of living by gradient allowing user selection for 2-way comparison



Salary Gallery combines all essential monetary aspects of job offers to help the user make a better informed decision

