

Fresh Start Employment Services

Project Pitch

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SFWR ENG 2BX3

L03

February 7, 2017

The Problem

- ▶ Many Canadians are looking for jobs
- ▶ Unemployment rate 6.9%
- ▶ Many have little to no opportunities for their chosen field in their area
- ▶ Decision to relocate can be difficult and require a lot of research

The Solution

- ▶ Web service that simplifies this decision
- ▶ Enter desired field of work
- ▶ Generates recommendations for locations with strong labour force for that field
- ▶ Ranks top ten locations and orders them by number of violent crimes documented
- ▶ Provides estimates on apartment rental prices for the area

Data Sets

- ▶ Labour force survey estimates
- ▶ Incident-based crime statistics
- ▶ Canada Mortgage and Housing Corporation rental estimates

Algorithmic Challenges

- ▶ Sorting data sets using quicksort
- ▶ Placing entries into SQL database tables
- ▶ Retrieving data using SQL queries
- ▶ In cases of cities not included in one of the data sets, average of the province taken

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This was an interesting project and if it was one of the projects in my team, I would have liked to implement it.

- ▶ A: Strongly Disagree
- ▶ B: Disagree
- ▶ C: Neither agree nor disagree
- ▶ D: Agree
- ▶ E: Strongly agree