ELVIN JAFARLI

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Experience

MAY, 2018 – AUG, 2018

FULL-STACK SOFTWARE DEVELOPER, GOPHER LEADS, TORONTO

· Built internal tools using Python (Selenium) for scraping data from Twitter profiles which later was used for performing sentiment analysis to a get better understanding of Gopher Lead's users experiences.

· Implemented browser-based uploads to AWS S3, which increased the speed of uploading a file, reduced upload latency, and improved user experience.

· Enhanced sales, analytics dashboard pages, Google Maps lead geotagging by developing new functionalities, improving UI, and fixing bugs using Ruby on Rails, JS, and Ruby, which resulted in better cross-browser and mobile performance.

· Developed test suites for the new features in Rspec for the CI pipeline.

JULY, 2017 – SEP, 2017

SALES SPECIALIST, ACTION HOME SERVICES, TORONTO

· Networked efficiently with customers which increased referrals by 30% over 2 months.

· Sold services worth more than $20000 in 2 months, each averaging $100.

· Earned Top Seller recognition for exceeding goals.

Education

SEP, 2014 – JUN, 2019

BACHELOR OF SCIENCE, MATH MAJOR, CS MINOR, UNIVERSITY OF TORONTO

Skills

- Java, Python, Ruby, JavaScript
- HTML, CSS, React
- PostgreSQL, MongoDB

- Git, Heroku, AWS, Bitbucket, Eclipse
- Ruby on Rails, Bootstrap, NodeJS, Express

Technical Projects

-- Bunny Simulation (JS, HTML, CSS, ChartJS) (GitHub) --

- Developed a software that simulates the survival of a bunny in 30x30 grid, where I had to find the minimum growth rate of a plant for the bunny to survive. I solved the problem by taking arithmetic congruence approach, where the congruent variables were divisors of the time unit.
- Developed simulation data gathering methods for graphing purposes. Used Chart.js for graphing.

-- Pacman AI (Python) (GitHub) --

- Implemented BFS, DFS, uniformCostSearch, aStarSearch for the algorithm to be able to manipulate Pacman's move
- Implemented search agents that use Manhattan Distance Heuristic, Euclidean Heuristic and other algorithms for the Pacman to be able to move

-- OneRepo (HTML, CSS, JS, Node, MongoDB, Express, Heroku) (GitHub) --

- Implemented API routes, CRUD operations for Admin Backend, User authentication, and the Landing Page.
- Implemented Cookies for user session management.

- As a team lead, managed the team, set up the meetings, assigned responsibilities, documented our meetings. We followed **Waterfall** development model.

ACTIVITIES & AWARDS

· **Recipient of** *State program on Education of Azerbaijani Youth Abroad*
- Azerbaijani educational bursary, which covers tuition and living fees for 4 years of university undergraduate education.

· **New College,** *Career Mentorship Program*
- Program intended to pair university students with career mentors in student's desired fields.

· **Rotman Commerce "***Launch your Big Idea competition***"**
- Business competition with a prize award of $5,000. Presented and pitched my technology idea to the panel of judges. Gathered a team of 5 students, researched necessary materials for the project and transferred it into PP.