Faisal Jamali
Junior Software Developer

Currently working as a Junior Software Developer at DataHen. My work consists of web scraping and ETL processes for customized projects for clients.

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EDUCATION

Bachelor of Science, Physics
Bilkent University

09/2015 - 01/2020   *Ankara*

Courses
- Artificial Intelligence
- Machine Learning
- Probability and Statistics
- Linear Algebra

WORK EXPERIENCE

Junior Software Developer
DataHen

01/2021 - Present   *Toronto, Canada*

Achievements/Tasks
- Designing and maintaining Web-scrapers.
- ETL processes on the data to configure it according to client needs.
- QA (Quality Assurance) on the data to ensure data integrity.

AI Finance Data Analyst Intern
ARGEDOR Information Technology Services

08/2019 - 03/2020   *Ankara*

Achievements/Tasks
- Carrying out Data Analysis of financial data to develop strategies for trading.
- Developing trading bots which trade using technical analysis.
- Researching new ways to improve current models for Time Series Analysis of Forex Market.
- Developed a Telegram bot news subscription service, using which clients could sign up for financial news updates of their choosing.

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SKILLS

`Creative Problem Solving` `Machine Learning`
`Data Analytics` `Technical Report Writing` `Python`
`R` `Artificial Intelligence` `Matlab`

PROJECTS

Reinforcement Learning for playing the game '2048' (09/2019 - 01/2020)
- Worked in a group of five people to develop a reinforcement learning model which used neural networks to direct an agent the best action to take in the game '2048'.
- Used NEAT and DQN methods. We were able to attain the score of '512',
- Our research showed that this was a good score compared to other methods used before.

New York Times Crossword Puzzle Clue Generator (09/2019 - 01/2020)
- Made an application that would generate new clues for today's New York Times crossword puzzle (using Python).
- Web scraping from online dictionaries using Selenium and BeautifulSoup4.
- Used a rule based system along with Depth First Search to select the best clue.
- Made GUI using tKinter.

ORGANIZATIONS

Organization Name

CERTIFICATES AND ACHIEVEMENTS

80% Tuition waiver for Bilkent University (09/2015)
Was awarded scholarship of $11,000 per year undergraduate studies at Bilkent University

LANGUAGES

English
Native or Bilingual Proficiency

Turkish
Limited Working Proficiency

INTERESTS

`Problem Solving` `Emerging Technologies`
`Big Data Analytics` `Travelling` `Research`