Olga Kondratenko

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Full-Stack Engineer currently pursuing MS in Computer Science, enthusiastic about artificial intelligence, machine learning and back-end development. I have work authorisation and I don't need any visa sponsorship.

Skills

- Back-end: Python, Java, JavaScript
- Front-end: HTML, CSS, Jest
- DBMS: MySQL, MS SQL
- Tools and libraries: GitHub\gitlab, Postman, Jenkins, Selenium webdriver, pandas, numpy, matplotlib, Jypyter, tensorflow, pytorch, sklearn, seaborn, nltk
- OS Environment: MacOS, Windows, Linux

Education

University of San Francisco
M.S. in Computer Science August, GPA 3.35 — 2020 - present
ESL courses at City College of San Francisco — 2019 - 2020

National University of "Kyiv-Mohyla Academy", Kyiv, Ukraine
verified by WES.org — October 2019
M.S. in Information Control Systems and Technologies, GPA: 3.78 — 2011 - 2012
B.S. in Computer Science, GPA 3.23 — 2006 - 2010

Current Project

CS690: Master's Project, University of San Francisco, Fall 2021 - "Sentiment Analysis of Communication in the Open-Source Projects" group project

- Using pandas, numpy, sklearn, matplotlib, kubeflow, kubernetes, docker, google cloud engine, NLP (nltk, vader)
- GitHub API
- Feature extraction
- Data annotation
- Data cleaning
- EDA
- Feature engineering
- Training models on available data
- Testing, tuning and validating the best model
- Presenting results via web page

Recent Projects

CS663: Machine Learning, University of San Francisco, Spring 2021 - "Hurricane Trajectory Projection" group project

- Using pandas, numpy, sklearn, matplotlib, tensorflow
- EDA
- Feature engineering
- Working with World Ocean Atlas data: https://www.ncei.noaa.gov/products/world-ocean-atlas
- Training a model on available data
- Testing, tuning and validating the model

CS631: System Foundations, University of San Francisco, Spring 2021 - Processor emulator on Raspberry Py using 'Digital' app, c++, assembly.

CS601: Principles of software development, University of San Francisco, Fall 2020 - “Hotel search” service
- Creating service that works with hotel information got from a JSON files.
- Implemented search for the hotel, search for the corresponding hotel reviews and reviews sorted by word frequency.
- Implement concurrency for the uploading data and searching over it.
- Added unit tests using JUnit.
- Showing hotels on Google Maps map.
- Implemented other features using Java.

CS601: Principles of software development, University of San Francisco, Fall 2020 - Game “Sea Battle”
- Designed web game with IU for the player and “computer”
- Creating web page for the game
- Developing game logic and other features using JavaScript and Python

Work Experience
Private Entrepreneur, Kirovograd, Ukraine, 2016- 2018
QA Engineer Contractor at Ciklum, Kyiv Ukraine, 2013 - 2016
Support and QA Engineer Contractor at Quadrox, Kyiv, Ukraine, 2011-2012