

Olga Kondratenko

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Fully Work Authorized | No Visa Sponsorship Required

Aspiring Software Development Engineer with a background in QA Engineering, recent MS in Computer Science graduate, enthusiastic about artificial intelligence and software development.

Education

University of San Francisco, San Francisco, CA

M.S. in Computer Science

Aug 2020 - May 2022

National University of “Kyiv-Mohyla Academy”, Kyiv, Ukraine, WES verified

M.S. in Software Engineering

Sep 2011 - Jun 2012

B.S. in Computer Science

Sep 2006 - Jun 2010

Skills

- **ML / AI:** EDA, feature engineering, model training, tuning and testing
- **Back-end:** Python, Java, JavaScript
- **Front-end:** HTML, CSS, JavaScript, Jest, vue.js
- **DBMS:** MySQL, MS SQL
- **Tools and libraries:** GitHub, Postman, pandas, numpy, matplotlib, Jupyter, tensorflow, pytorch, sklearn, seaborn, nltk, vader, Selenium webdriver, Docker
- **OS Environment:** MacOS, Windows, Linux

Recent Projects

Sentiment Analysis of Communication in the Open-Source Projects

CS690: Master's Project, University of San Francisco

Working with a group, used pandas, numpy, sklearn, matplotlib, nltk, vader, python, flask, jinja2, docker, postgresql, sqlalchemy, GitHub in order to build a Constructiveness and Inclusiveness Evaluator, web application that takes communication inside a particular GitHub project and shows how good it is using several metrics.

- I was responsible for containerising application, creating back-end communication between 2 services and a database, creating part of the models, running training scripts and storing models to make the process as fast as possible.
- As a result - we have built ready to deploy web application that takes a link to GitHub project and shows analysis of the communication.
- https://github.com/vmware-labs/ml-conversational-analytic-tool/tree/main/ci_evaluator

Hotel Search Service

CS601: Principles of software development, University of San Francisco

Working individually on a service that uses hotel information got from a JSON files and following technologies to build an informational service to help travellers find the best place to stay.

- Using Java implemented search for the hotel, for the corresponding hotel reviews and reviews sorted by word frequency.
- Implemented concurrency for uploading data and searching over it.
- Added unit tests using JUnit.
- Added hotels to the incorporated Google Maps.

- Introduced likes, reviews, rating functionality.

Data Visualization Project “Hurricanes in the Atlantic Ocean”

CS560: Data Visualization, University of San Francisco

Working individually on an analysis and data visualization, used JavaScript, D3, P5, HTML, CSS, pandas, python, GitHub, GitHub pages in order to present a data in an easy, interactive and usable way: <https://olga-kondr.github.io/dv-project.html>

Game “Sea Battle”

CS601: Principles of software development, University of San Francisco

Individual project that was focused on creating a back-end of the web game for the player against the “computer”: <https://github.com/olga-kondr/seabattle>

- Developed a back-end of the game using Python, flask, docker, postgresql, sqlalchemy.

Work Experience

Teaching Assistant, University of San Francisco

January 2022 - May 2022

- Held office hours and conducted class platform’s communication;
- Created lab and other assignments with starter code in Java;
- Implemented unit tests to help students find mistakes and improve their code.

Private Entrepreneur, Ukraine

2011- 2018

I worked as an IT Consultant on various short-term and long-term projects for European companies. Major long-term projects:

QA Engineer, Consultant, Ukraine, 05/2017 - 04/2018:

- Setup test automating framework from scratch using Selenium Webdriver, python, unittest;
- Interviewed candidates to the team, trained newcomers;

QA Engineer, Consultant, Ukraine, 02/2013 - 03/2017:

- Improved test coverage from 30% to 60% using Telerick Test Studio;
- Performed smoke, regression, functional, black-box, installation and compatibility tests to ensure project’s quality;
- Used JMeter, sql Profiler, Fiddler to analyse test performance and define areas of improvement;

Support and QA Engineer Consultant at Quadrox, Ukraine, 08/2011 - 10/2012:

- Helped customers solve non-trivial issues with the software at the second line of support (in English);
- Was responsible for the network administrating, software and hardware support of QA and development teams.