

Olga Kondratenko

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Fully Work Authorised | No Visa Sponsorship Required

Machine Learning Engineer with software development and QA experience, recent MS in Computer Science graduate, enthusiastic about AI, ML and software development.

Skills

- **ML / AI:** EDA, feature engineering, model training, tuning and testing, cnn, rnn, lstm, transformers, pipelines, computer vision, data curation, data science,
- **Programming languages:** Python, Java, JavaScript, SQL, HTML, CSS, XML,
- **DBMS:** MySQL, MS SQL, postgresSQL,
- **Tools and libraries:** GitHub, Postman, Docker, PyVista, Jira, pandas, geopandas, shapely, D3, numpy, matplotlib, Jupyter notebook, tensorflow, pytorch, keras, sklearn, seaborn, nltk, vader,
- **Frameworks:** Flask, unittest, Jest, Selenium webdriver,
- **OS Environment:** MacOS, Windows, Linux, WSL, Ubuntu

Work Experience

Software Engineer, Smith+Nephew

Dec 2022 - present

- Using Python for developing various R&D and production projects in medical field
- Creating and working with ML, DL models for 3D medical modelling and representation e.g. 3D projections on 2D images in 3D, computer vision
- Working with big volumes of medical data, data curation
- Writing unit tests and desktop test automation
- Working on medical compliant documentation

Volunteer Experience

Researcher, University of San Francisco MAGICS lab

Sep 2021 - present

- Perform EDA, feature engineering using python, pandas, numpy
- Work with Google Earth Engine (gee) and weather data
- Train deep learning models, visualise data with D3 and js

Additional Experience

Teaching Assistant, University of San Francisco

Jan 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

Sys Admin Assistant, University of San Francisco

Jan 2022 - May 2022

- Installed and updated linux, windows, macOS software that unblocked students' access to 3 labs with the scientific software
- Tested and replaced broken hardware

QA and Support Engineer Contractor

Aug 2011 - Nov 2018

- Worked as an IT Consultant Contractor on various short-term and long-term projects.

Education

University of San Francisco, San Francisco, CA
M.S. in Computer Science

Aug 2020 - May 2022