YULIYA TKACH
Germantown, Maryland

LinkedIn: https://www.linkedin.com/in/yutk93/   **GitHub**: https://github.com/Ambrolla

Summary

I am an experienced software developer with strong organizational skills and a self-starting mindset, I am committed to continuous learning and growth in the IT field. Seeking a challenging position that offers opportunities for coding and professional growth in the IT industry.

Skills

Programming languages: JavaScript, Python, SQL
Web: HTML, CSS
Frameworks and libraries: Bootstrap, React.js, Streamlit, jQuery

Miscellaneous: Git, Node.js, Jupyter Notebook, Jira, WordPress, Drupal, Microsoft Office Suite
Photo editing software: Photoshop, Lightroom

Work Experience

Freelance Developer   02.2021 – present
Self-employed
- Participated in small projects for startup companies using: JavaScript, Bootstrap, React.js, and Node.JS. Also, helped with developing API services in an Agile environment and worked with Section 508 accessibility guidelines
- Performed Agile testing, had to create and execute test scripts
- Collaborated with cross-functional teams at startup companies to gather user requirements and translate them into technical specifications.
- Managed and promoted ambrolla.com website and photographer using SEO tools such as AdWords, Facebook, Instagram. Website's design was made using Jekyll. Also, worked extensively with Photoshop.

Software Engineer Intern   09.2022 – 12.2022
Axle Informatics
- Implemented CLI tool to sort and merge R and Markdown files using Python and tested Shiny apps that are based on output of CLI tool which work and which do not
- Implemented Jupyter notebook to demonstrate the ability to update Neuroglancer viewer state parameters using Ipywidgets and undocumented Neuroglancer methods instead of viewer state updating using JSON object as query string parameter in URL. Made it possible to use Neuroglancer methods to do changes in viewer state on Neuroglancer server side directly considering pretty limited Neuroglancer documentation
- Implemented Streamlit app to demonstrate how can it be used with ML model to provide user friendly UI to specify initial parameters and cache trained model between runs if parameters weren't changed and refresh randomly selected samples to apply model for them

Volunteer and Extracurricular Activities

Organizer and Volunteer   12.2022 – present
Code and Coffee
- MoCo Code and Coffee Organizer; Code for DC co-organizer
- Participated in open-source projects supporting the Code and Coffee movement as well as Code for DC, and Code for Baltimore using: Jekyll, JavaScript, HTML, and CSS. Actively using slack to monitor projects' progress and work with other people

Education and Certifications

University of Maryland Baltimore County   2015 – 2018
Biological Sciences B.S.

Udemy
The Complete Web Development Training   Fall 2021