

YULIYA TKACH

Germantown, Maryland

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

I am a software developer with a degree in Biological Sciences. I am passionate about software development and wish to find an opportunity that will allow me to grow my skills. I have a very solid organizational skills, I'm a self-starter and bilingual.

Skills*Programming languages:* JavaScript, Python, SQL*Web:* HTML, CSS*Frameworks and libraries:* Bootstrap, React.js, Streamlit, jQuery*SEO tools:* AdWords, G-suite*Photo editing software:* Photoshop, Lightroom*Miscellaneous:* Node.js, Jupyter Notebook, Git,

Jira, WordPress, Microsoft Office Suite

Work ExperienceComputer Science/Data Science Trainee

09.2022 – present

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

Freelance Developer

02.2021 – present

Self-employed

- Participated in open-source projects supporting the Code and Coffee movement using: Jekyll, JavaScript, and CSS
- Participated in small projects for startup companies using: JavaScript, Bootstrap, React.js, and Node.JS
- Managed and promoted ambrolla.com website and photographer using SEO tools such as AdWords, Facebook, Instagram. Website's design was made using Jekyll

Education and Certifications*University of Maryland Baltimore County*

2015 – 2018

Biological Sciences B.S.

Udemy

The Complete Web Development Bootcamp

Fall 2021

Volunteer and Extracurricular Activities*Russian Language Meet-ups and Events Founder*

09.2015 – present

- Managed club by myself
- Found venues in DMV area and analyzed club's budget
- From two people in the beginning to an average of thirty people now who regularly come to the meetups