

**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
- 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

*Russian Language Meet-ups and Events Founder*

09.2015 – present

- Managed club by myself. Club is in the following social media: Facebook, Telegram, and vk.
- Collaborated with venues to ensure all needs were met for events in the DMV area.

US citizen

## **Education and Certifications**

*University of Maryland Baltimore County*  
Biological Sciences B.S.

2015 – 2018

*Udemy*

The Complete Web Development Training

Fall 2021