



Tetiana Kelly

Web Full Stack Engineer



San Francisco, CA

Details

+1 (415) 794-4881

murenkot@gmail.com

[GitHub](#)

[Portfolio](#)

[LinkedIn](#)

Profile

Software engineer with 3 years of professional experience. My journey started from a simple script I wrote to automate manual workflows for my team and became my true passion. Today I build full stack web applications in different environments, work with relational and non-relational databases, and work on beautiful UI.

Big reader and dreamer, meditator and yogi, climber, former Ukrainian tv-journalist and immigrant, I believe that technologies make this world better place and I want to be a part of it.

Employment History

1/2019 to Present Full Stack Software Engineer at ElmTree System

ElmTree System is a laboratory information management software (LIMS) developed for construction materials testing laboratories.

- Built ElmTree's new client onboarding tool. This desktop web application is used to speed up new laboratory onboarding and simplify client form customizations.
- Designed and implemented key features including user authentication, visual representation of form settings, and dynamic add/edit/delete functionality. Created MS SQL db queries and wrapped them in API calls for the frontend.
- Built the frontend with HTML5, CSS3, JavaScript, jQuery, AJAX, React and Bootstrap.
- Worked on new feature development for ElmTree's Field Technical Rep application. This is a mobile web application used by laboratories to manage their mobile workforce. Functionality includes job assignments, data collection and processing, workflow management and time tracking.
- Collaborated with principle engineers to develop APIs, modify database structure and write SQL queries.
- Architected flexible dynamically generated UI for technical forms with different level of complexity.

2/2017 - 8/2018 Software Engineer in Test, Automation Engineer at GridNet

Internet of Things and Smart Grid software company, whose smart electric/water meters are used by multiple utilities in different countries.

- Created a test automation framework with Python, Selenium, and Unix for continuous validation of device reporting data and subscribe/unsubscribe functionality.
- Managed test plans and created new test cases for ongoing feature development and bug fixes.
- Managed and developed automated API testing with SOAPUI tools.

Skills

- JavaScript
- Python
- PHP
- HTML
- CSS
- Node.js
- React.js
- Ajax
- jQuery
- Django
- Selenium
- Bootstrap
- PostgreSQL
- MongoDB
- Git
- GitHub

11/2016 - 5/2018

Data Engineer, Automation Engineer at Boys and Girls Clubs of San Francisco

Boys & Girls Clubs of America (BGCA) is a national organization of local chapters which provide after-school programs for young people.

- Designed automation scripts using Python and Selenium Webdriver to update and clean database.
- Analyzed/validated large data sets using Python scripts.
- Built data pipelines with Python and SQL to create a variety of datasets for the Outcome Measurements Team. Wrote SQL queries as a part of data pipelines for consistent monitoring of data quality.

Education

2018

San Francisco

General Assembly

Top graduate of GA's 'Software Engineering Immersive' bootcamp. A full-time, classroom based course covering full-stack web based development. Built 5 full-stack web applications on diverse teams of developers and UI/UX designers:

- Local social network for dog owners (Dogborhood) with Node on the backend and React + Google Maps JS API on the frontend.
- Full-featured travel blog with Node and React.
- Time tracking app with Node.js, MongoDB and JavaScript.
- Space poetry blog leveraging Python, PostgreSQL, the Django MVC framework, and NASA's imagery API.
- Web-based game with HTML, CSS, and JavaScript.

2007

Kyiv, Ukraine

Kyiv National University of Technology and Design

BA, Economics