

Julia Mullen

Julia is a software developer proficient in Python programming and fond of writing comprehensive testing and documentation. Her work often spans system automation and backend programming along with relevant operations requirements. She believes communication is paramount to successful development and solutions are almost always borne out of discussion. She is actively seeking remote, hybrid, or on-site work in NYC.

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Key Skills: Python, Elasticsearch, Backend Development, Scripting, Automation, JavaScript, nginx, Tornado, Django, SQL, Testing, Documentation, React, Docker, Linux, AWS

Scripps Research

Research Programmer

(May 2020 - Present)

Managed daily updates for <https://outbreak.info>, maintaining an Elasticsearch backend holding 19 million documents across 12 different plugins. Developed robust system of performance, integration, and unit tests. Documented deliberate workflows for internal use.

Codecademy

Senior Curriculum Developer

(Mar 2019 - Sep 2019)

Curriculum Developer

(Jul 2017 - Mar

2019)

Composed learning materials for both technical and non-technical audiences, over 8 million learners, documenting language and library features for an assortment of programming courses. Created expressive testing systems for accurate learner code evaluation.

Tower Research Capital

Junior Systems Developer

(Jan 2015 - Jun 2017)

Developed automatic Nagios configuration creation and specialized monitoring dashboard for IT servers. Introduced new features and lifecycle tracking to inventory tracking service. Developed timesheet tracking software with front-end for hourly employees.

Icahn School of Medicine at Mount Sinai

Associate Researcher

(Jul 2013 - Aug 2014)

Automated microscopy image workflows. Created interfaces for metadata storage, selection of figures, and figure publication prep.

CUNY College of Staten Island

Mathematics BS

(Jun 2012)