

Renzo Francesco Lucioni

Full-stack web developer based in Cambridge, Massachusetts.

Contact

Web	renzo.lucioni.xyz
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GitHub	github.com/rlucioni

Skills

Languages	Python, JavaScript, SQL
Frameworks	Django, Flask, Backbone.js
Tools	Git, Docker, Elasticsearch, Ansible, Jenkins, GoCD
Services	AWS, DigitalOcean, Docker Cloud, Travis CI, Splunk

Experience

Senior Software Engineer at [edX](#)

July 2017 to present

Software Engineer at [edX](#)

July 2014 to July 2017

Open source Python (Django) web applications, some with Backbone.js frontends. Built and maintained ecommerce service handling millions of orders monthly. Developed services supporting edX "programs," collections of courses whose completion results in the awarding of a credential. Scaled metadata service whose API underpins many edX products and features. Implemented continuous deployment pipelines using GoCD which teams use to deploy to production every day. Load tested new applications and features using Locust. Automated translation of application text using Jenkins and Transifex. Automated monitoring of application logs using Splunk alerts and led on-call rotation responsible for responding to them.

Freelancer at [The Economist](#)

December 2013 to November 2014

Created data visualizations for use by the paper, online and in print.

Intern at [edX](#)

May 2013 to June 2014

Implemented in-context problem scoring. Built lightweight A/B testing framework using Django Waffle. Configured the platform to report analytics information to Google Analytics and Mixpanel. Performed analysis of edX certificate data and conducted user studies with edX learners.

Research Assistant at [UCSD Microelectronic Embedded Systems Laboratory](#)

May 2012 to August 2012

Tasked with porting a real-time operating system to an ARM Cortex M3 board with 8K SRAM and no interrupts, custom-built for MESL as part of the UCSD Variability Expedition. Programmed in C, ARM assembly, and hex. Manually translated ARM scatter files to C linker scripts to configure memory on the chip.

Education

Bachelor of Arts in Computer Science

Secondary field in Government

Harvard College, May 2014