

# Renzo Francesco Lucioni

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## Education

### Harvard College

Bachelor of Arts, Computer Science. Secondary Field in Government.

GPA: 3.645/4.0

Cambridge, MA

May 2014

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## Recent Experience

### edX

Software Engineer

Cambridge, MA

July 2014—present

- Primarily back end development with some time spent on the front end. Work with Python and Django, JavaScript, Backbone.js, and Underscore.js. EdX is striving to create a ubiquitous platform which all organizations - big and small, commercial and non-profit - can use to create and deliver their own world-class educational materials online.

### The Economist

Freelancer

Cambridge, MA

December 2013—present

- Create and pitch data visualizations for use by *The Economist*, online and in print.

### edX

Engineering Intern

Cambridge, MA

May 2013—June 2014

- Implemented in-context problem scoring, built a light A/B testing framework using Django Waffle, and configured the platform to report analytics information to products such as Google Analytics and Mixpanel. Also performed analysis of edX certificates data and conducted user studies with edX students.

### UCSD Microelectronic Embedded Systems Laboratory (MESL)

Research Assistant

San Diego, CA

May 2012—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.

### Morgan Stanley

Summer Analyst

New York, NY

May 2011—August 2011

- Conducted market research for the Media & Communications Group in Morgan Stanley's Investment Banking Division. Rewrote internal knowledge management wiki and catalogued data for the Business Information Services Division. Offered the Richard B. Fisher scholarship and invited to return to Morgan Stanley's Institutional Equities Division.

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## Projects

### Senate Voting Relationships

Data Visualization Design

Cambridge, MA

December 2013

- Created a series of network visualizations illustrating voting relationships between senators, using roll call data from the 101st Congress through the 113th Congress. These network visualizations were published by *The Economist* and a variety of other media outlets.

### Hamburger in Space

Team Lead

Sturbridge, MA

October 2012

- Sent a hamburger to the stratosphere with a helium-filled weather balloon, using a smartphone to track the package and GoPro cameras to record the journey. Achieved with the sponsorship of Boston-area hamburger chain b.good, footage from the project ([goo.gl/f3XRRf](http://goo.gl/f3XRRf)) was used to create what became the company's most highly viewed advertisement.

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## Technical Skills, Activities, and Languages

**Technical Skills:** Programming in Python and JavaScript; experience with Django, Backbone.js, Underscore.js, and D3.js; familiar with Heroku and Amazon Web Services

**Activities:** Weight training, swimming, hiking

**Languages:** Spanish (fluent)