Renzo Francesco Lucioni

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Education

Harvard College   **Cambridge, MA**
Bachelor of Arts, Computer Science. Secondary Field in Government.   May 2014
GPA: 3.645/4.0

Recent Experience

edX   **Cambridge, MA**
Software Engineer   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   **Cambridge, MA**
Freelancer   December 2013—present
- Create and pitch data visualizations for use by *The Economist,* online and in print.

edX   **Cambridge, MA**
Engineering Intern   May 2013—June 2014
- Implemented in-context problem scoring, built a light A/B testing framework, 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)   **San Diego, CA**
Research Assistant   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   **New York, NY**
Summer Analyst   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.

Projects

Senate Voting Relationships   **Cambridge, MA**
Data Visualization Design   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   **Sturbridge, MA**
Team Lead   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) was used to create what became the company's most highly viewed advertisement.

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)