

Peter Downs
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OBJECTIVE I want to do great things with smart people. I have special interest in learning more about natural language processing, computational statistics, and data visualization.

EDUCATION *Bachelor of Science,*
Massachusetts Institute of Technology, Cambridge, MA
September 2014 – Present
Anticipated graduation: May 2018

Harriton High School, Rosemont, PA
September 2008 – June 2012
GPA: 5.0/5.0

SKILLS *Languages & Software:* Python (Django, Flask, Bottle), Javascript (Node, Angular), Git, Vim
Personal: I communicate clearly; I learn quickly; I work hard.

EXPERIENCE *Software Engineer* September 2012 – June 2014
Locu, Inc., San Francisco, CA.
(acquired by GoDaddy in September 2013)

- Worked as a full-stack web developer. Developed, maintained, and improved the site's backend (Python/Django) and frontend (Javascript/JQuery/Angular).
- Designed and implemented a novel Javascript content layout algorithm (provisional patent filed).
- Designed, implemented, and open-sourced a complete OAuth2 server implementation for Django.
- After company acquisition by GoDaddy, helped lead team working on user authentication and payment system integration.
- Advocated for and helped implement better code review and testing protocols.

Software Engineer June 2012 – September 2012
Hyperink, San Francisco, CA.

- Worked as a full-stack web developer, from the backend (Python/web.py) to the frontend (Javascript/JQuery).
- Improved payment system, increasing customer conversion rates and increasing sales.
- Improved and developed internal tools for ebook creation and editing.

Summer Intern Summers 2010-2011
The High Energy Physics Lab at The University of Pennsylvania, Philadelphia, PA.

- Wrote low-level software for medium-scale data collection and processing.
- Created internal tools that greatly increased the speed of hardware testing.