ALEXANDRA BERKE

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EDUCATION

Brown University Transferred to Brown Jan 2011; Graduated May 2013
- GPA: 3.8/4.0
- B.A. Mathematics
- B.A. Computer Science

University of Pennsylvania Sep 2009 - Dec 2010
- GPA: 3.9/4.0

PROFESSIONAL

Grid Mobile August 2014 - Present
Engineer
- Hacking on networks with Erlang

Significance Labs June 2014 - August 2014
Hacker in Residence | Engineer
- Built a mobile client management tool for domestic workers within a 6 week time frame.
  - Use/play with the product: http://neat-streak.com
  - Watch our 1 minute demo video: http://neat-streak.com/info/
- As a only technical member of a 3 person team, I built our ideas from ideation sessions out into products and pivoted and iterated with our users' feedback.
- Significance Labs is a summer fellowship that brings together 5 teams to build products for the 75 million low income Americans who are underserved by technology.

HackNY Fellowship Summer 2014
Mentor

Huffpost Labs Sep 2013 - June 2014
Hacker in Residence | Engineer
- As the lead engineer on the team, I brainstormed, built, and launched the entirety of products
- Worked with editors to iterate on the products in use
- Published articles about technologies I am involved with, such as my 3 part series on Bitcoin
  - http://www.huffingtonpost.com/2013/11/25/bitcoin-basics-explained-_n_4340141.html

Thinkful Summer 2013
Full Stack Developer | Intern
- Projects involved writing user model with secure account creation, user authentication, and maintenance, as well as developing tutorials and content

HackNY Fellowship Summer 2013
Fellow
- Fellowship aims to "federate the next generation of hackers for the NYC innovation community"

Vistaprint Summer 2012
Software Engineer Intern
- Integrated new *HTML5* features into user file uploading interface. Features included CORS, drag and drop image uploading, and replacing dependency on Flash by using FileAPI, FileReader and FileList

Brown Computer Science Spring 2013
Head Teaching Assistant: Linear Algebra Computer Science course
- Held review sessions and office hours, proctored labs, wrote/graded assignments

- Managed team of Teaching Assistants, and essentially ran the course

Assistant in Curriculum Writing   **Summer 2012**
- Assisted Prof. Philip Klein in developing linear algebra computer science course, towards publishing textbook and exporting curriculum to other universities and Coursera
- Helped plan curriculum and write text book, wrote ***Python*** programming labs that implement linear algebra concepts, wrote problem sets, and created examples to aid textbook