

Dina Lamdany

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EDUCATION

Columbia University Fu Foundation School of Engineering and Applied Sciences *Expected: 2015*
Computer Science, B.S. | GPA: 4.0 (Dean's List)

TECHNICAL EXPERIENCE

Google, Software Engineering Intern *Summer 2014*

- Designed and implemented a simulation and visualization tool for Google's Civic Information API in JavaScript.
- Won second prize among 60 engineers in Social Impact division's week-long hackathon for project that integrated world-wide crisis alerts into SMS.

Twilio, Software Engineering Intern *Summer 2013*

- Implemented minimum viable product of open-source exception logging platform to increase fallout visibility. Presented to and coordinated with teams across company.
- Planned and realized clustering feature to improve existing monitoring infrastructure by implementing Python module to aggregate service status checks and alerts.

Columbia University (Data Structures in Java: CS 3134), Teaching Assistant *Spring 2013*

- Clarified and explained data structures and algorithms concepts to students during weekly office hours.

RESEARCH EXPERIENCE

Research Assistant, Albert Wenger, Partner at Union Square Ventures *Spring 2014*

- Researched and wrote about historical and sociological topics related to technology's influence on society at large.
- Performed quantitative data analysis of historical wealth data, as well as qualitative case studies of technological innovations throughout history.

Independent Research: "[A Past History of Intractability](#)": Public-Key Cryptography and the Search for Formal Security Models.

- Designed and structured semester-long independent research project on the sociological history of public-key cryptography.

LEADERSHIP POSITIONS

President, Columbia University Application Development Initiative (ADI) *2012-Present*

- Manage executive board of 35 students dedicated to building a warm and inviting tech community by running weekly workshops, tech talks, and social events for over 300 Columbia students interested in technology.
- Organized annual week-long development training and hackathon; increased registration from 250 to 900 by developing and marketing seven back-to-back introductory coding workshops.

Organizer and Teacher, Isaac Newton Middle School Teaching Initiative *2013 - Present*

- Conceived, organized and co-taught a computer science class for 30 eighth-graders at Isaac Newton Middle School in Harlem taught solely by Columbia students.

SKILLS

Technical: Java, Python, Bash/Unix, C, OCaml, JavaScript, Matlab