Jacob A Graff
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Education

- **Columbia University, School of Engineering and Applied Science**, New York, NY, *May 2017*
  - BS Computer Science, GPA 3.1
  - CP Davis Scholar
  - Relevant Coursework: Operating Systems, Programming Languages and Translators, Computer Science Theory, Advanced Programming, Fundamentals of Computer Systems, Data Structures and Algorithms, Discrete Math, Electrical Engineering

- **Lakehill Preparatory School** - graduated *May 2013*
  - National Merit Scholar
  - Angie Baggett Award for Most Outstanding Debater; YMCA Texas State Youth and Government Conference *2013*
  - Computer Science Gold Medal Award, *2012, 2013*

Work Experience

- BNY Mellon – **Software Engineering Intern** (New York, NY), *May 2015 – August 2015*
  - Built automation software on top of Tomcat and Maven, designed to run on BNY Mellon proprietary cloud platform; increased ease of access to open source software
  - Discovered and reported security hole in email system

- Eats – **Developer** (New York, NY), *May 2014 – September 2015*
  - Developed iOS app that, in real-time, notifies restaurant proximity, details, ratings, and suggests alternatives, as part of an independent project

- Girards Law Firm – **Developer** (Dallas, TX), *June 2014 – December 2014*
  - Designed and developed iOS app to assist attorneys and clients, which provided ease of access to thousands of legal documents, and provided real time evidence documenting capability

- Heritage Rose Foundation – **Developer** (New York, NY), *August 2011 – June 2012*
  - Designed and developed an iOS walking tour app for the Heritage Rose District of New York City
  - June 9th, 2012 was declared Jacob Graff Day in Manhattan by then borough president Scott Stringer

Additional Experience

- Columbia CS Department – **Teaching Assistant** (New York, NY), *August 2015 – Present*
  - Held weekly office hours
  - Organized class hackathon and conducted employer outreach alongside other TAs

- Facebook **Global Hackathon**
  - Menlo Park, CA, *November 2013*
    - Invited to attend after winning regional hackathon in New York
    - Developed sports team organization app called *GoSport*
  - New York, NY, *October 2013*
    - Team won for developing *Preblur*, an interactive discussion-based web platform that facilitates creating groups to attend concerts

Technical Skills

- Languages – C, C++, Objective C, Java, Python, OCaml, HTML/JavaScript/CSS, MATLAB
- Frameworks/APIs – Cocoa, Meteor, AngularJS, Yelp API, FourSquare API
- Libraries – GPUImage (iOS Graphics Library), jQuery
- Software – Unix/Bash, Git, Xcode, Eclipse, Tomcat, Maven