

ADITYA MAJUMDAR

adityamajumdar.com
am3713@columbia.edu

Education

Columbia University – New York, NY

Sept 2011 – Dec 2014 (Expected)

3.69 GPA; B.S. Computer Science; Entrepreneurship & Innovation Minor

Dean's List (Fall 2011, Fall 2012, Spring 2013, Fall 2013)

Finalist - 2013 Windward International Collegiate Programming Competition

Undergraduate Researcher – Intrusion Detection Security Lab

Relevant coursework: Data Structures/Algorithms, Advanced Programming(C/C++/Unix), Fundamentals of Computer Systems, Analysis of Algorithms, Computer Vision, OOP & Design, Programming Languages & Translators, Discrete Math

Lynbrook High School – San Jose, CA

Aug 2007 – June 2011

Skills

Java, Python, Android, MATLAB, SQL, Javascript, HTML, Flask, Django, C, Arduino, CAD

Experience & Activities

Software Engineering Intern at Carbonite – Sunnyvale, CA

June 2014 – Present

Optimizing existing code to retrieve and display contents of millions of files, as well as developing new user interface of Java-based desktop app to make user operations more intuitive and predictable.

Application Development Intern at JPMorgan Chase – New York, NY

June 2013 – Feb 2014

Worked with the Technology for Social Good team to develop web and Android applications to be used during hackathons. Created curricula and organized “knowledge sessions” to be taught during such contests. Developed a mobile app to expedite judging at hackathons, primarily using JQuery Mobile.

QA Intern at Zmanda – Sunnyvale, CA

June 2012 – Aug 2012

Developed unit tests for the Java-based Zmanda Cloud Backup product. Identified and solved database-related bugs and assisted in creating a new documentation system for various test cases and software functions.

Application Development Initiative (ADI - <http://adicu.com/>)

2012 - Present

Executive board member of student organization that holds workshops, hackathons, and other activities on campus to give student developers a space to discover and showcase their technical abilities. As part of the workshops team, I help put together tech talks & workshops on campus.

Projects — please visit adityamajumdar.com for more

Pebblin' (Philips hue 1st Prize, Pebble prize finalist – PennApps, Spring 2014) – getpebblin.com

Combines an Android app with a Pebble watch to allow users to play an “air violin” instrument. Connects to Philips hue lights to provide a visual display of your music, and emails you a record of your session. Written in C and Java.

Living Language Chrome Extension (1st Place @ Facebook-NYC Summer of Hack 2013)

Chrome extension that translates random words or sentences from any webpage into a language of your choice. Clicking on the translated text yields the original & a spoken translation of the word. Uses Javascript and Bing translation APIs.

ChowdaTracka (Created at DevFest 2013 hackathon @ Columbia University)

Used Python, PostgreSQL, JQuery and Django to allow CU students to rank & find their favorite foods at dining halls. Twilio and SendGrid APIs were used to notify students of which times/locations were optimal for their favorite meals.