CHRISTIAN MOSCARDI

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Education

Columbia University class of 2014 □ Computer Science / Math □ Cum Laude □ National Merit Scholar □ 2012 Oxbridge Scholar □ ADI (Application Development Initiative) Board Member (website) □ Knickerbocker Motorsports member (website)

Relevant Coursework

Natural Language Processing □ Machine Learning (Oxford, Study abroad) □ Crypto & Financial Processes □ Number Theory & Cryptography □ OO Design in Java □ Data Structures & Algorithms □ Advanced Programming □ Computer Systems Fundamentals □ CS Theory □ Analysis of Algorithms □ Intro to Computer Science

Work Experience

The Data Incubator – NYC, SF, and DC Data Science Bootcamp   August 2014-Present
Full-Stack Developer, TA
Handle all things tech, from managing ~50 cloud servers, helping build a digital curriculum and automated code-submission system, to answering student questions, internal business analytics, and everything in between. This summer, will be the in-person contact opening the SF office.

Real Cheap Eats – New York, NY   Fall 2013-Present
Full-Stack Developer, **Part-time contributor**
Completed a full-stack rebuild (in Rails) for Real Cheap Eats, a food blog in NYC. Specced out the data model and other desired features, determined the correct technologies to use, and put the pieces together into a cohesive website. As a food lover, occasionally contribute locations to the site's index.

Columbia University – New York, NY   Summer 2012, Spring 2013 – Spring 2014
Teaching Assistant
TA'd Columbia's introductory CS class, a course on CS Theory, and "Cryptography and Financial Processes" for Michael Rabin. Held office hours/review sessions, and graded papers/programs. Used shell scripting to process data and automate repetitive tasks.

Google, Inc. - New York, NY   Summer 2013
Developer Relations Intern
Worked with the Apps Script Developer Relations team. Wrote sample code/applications in JavaScript, improved documentation, reported bugs, helped plan the future direction of Apps Script, and participated in live chats with developers (on youtube!).

Columbia University – New York, NY   Summer 2012
Undergraduate Researcher
Participated in the Math department's Research Experience for Undergrads (REU). Collaborated with other undergraduates studying knot theory/ topology, and programmed in Mathematica to help search for patterns.

Code Portfolio: https://github.com/cmoscardi. See below for a brief list of skills.

Python: Code almost exclusively in Python for The Data Incubator. Pythonista, Flask & web-stack guru. Big data processing pro with numpy, scipy, pandas, seaborn, etc.

Ruby/Rails: As mentioned above, currently a full-stack Rails developer for a food blog. Excellent DevOps skills with Chef and Vagrant, managing 50 cloud servers for Data Incubator fellows.

JavaScript: Familiar with both front-end JS as well as server-side (having contributed to Node open source projects). Angular for client-side MVC, D3.js for beautiful data visualization.

C/C++/Arduino: Designed/implemented a custom car dashboard for Columbia's FSAE team. Took a systems programming class in C/C++. Working on a home hardware hack for an automated apartment buzzer.