

Christian Moscardi

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Selected Experience

[The Data Incubator](#) – New York, NY

June 2016 - Present

Director of Technology

Manage 7-person technical team, 100-server cloud for all aspects of technical work. Set technical direction and priorities in collaboration with CEO. Work to facilitate + deliver training opportunities, improve infrastructure, manage project development, develop + teach curriculum.

Instructor, Tech Lead

August 2014 – June 2016

First technical hire. Develop and teach curriculum including Machine Learning, Python/PyData, Data Visualization, Spark. Develop software to facilitate admissions, fellowship, hiring, and training. Led SF office opening, coordinating with logistics and partnerships team.

[Real Cheap Eats](#) – New York, NY

Fall 2013-Present

Full-Stack Developer

Completed a full-stack rebuild for food blog in NYC. Worked with founders to determine desired features. Spec'd out the data model and other desired features, determined the correct technologies to use, built website. Used geospatial data to build a location-based 'explore' view for venues. Conducted user study research to iterate on ideal UI/UX flows. Currently maintain website and, as a food lover, occasionally contribute entries.

Google, Inc. - New York, NY

Summer 2013

Software Engineering 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, participated in live chats with developers (on [youtube!](#)). Met with technology reps from New Visions for Public Schools to develop Apps Script integration for NYC public schools.

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, graded papers/programs. Used shell scripting to process data and automate repetitive tasks.

Volunteer Experience

ScriptEd – New York, NY

August 2015 – Present

Teacher, Curriculum Planner

Volunteer at Manhattan International High School, previously at Claremont International High School. Teach students the basics of web development – HTML/CSS/JS. Plan lessons and curriculum with special focus on ESL students. Participate in ScriptEd curriculum development/planning for the coming school year.

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

Python/Flask/Data: Code mostly in Python at The Data Incubator. Pythonista, Flask & web-stack guru. Data processing pro with numpy, scipy, pandas, seaborn, etc.

Hadoop/Spark/Scala/AWS: Distributed computation & extracting insights from big data sets. Use for curriculum + projects and to crunch collected data at the Data Incubator. [Databricks](#) instructor, Databricks Spark Certified.

Ruby/Rails/DevOps: Designed/Developed Real Cheap Eats in Rails. S DevOps / Infrastructure skills with Chef and Vagrant, managing 100 cloud servers for Data Incubator.

JavaScript/Angular/D3/Visualization: Front-end JS as well as server-side (Node.js). Angular for client-side MVC, D3.js for beautiful data visualization & projects.

Education

Columbia University □ Mathematics / Computer Science □ Cum Laude □ National Merit Scholar □ Oxbridge Scholar
□ ADI (Application Development Initiative) Board Member ([website](#)) □