

Aa

A a n k i t P a t e l
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EXPERIENCE

FLATIRON SCHOOL **NEW YORK, NY**
SUMMER TEACHING FELLOW 5/2015 - 7/2015
Taught teenagers fundamentals of command line, Ruby scripting language, and the Sinatra web application framework in three two-week intensive courses that culminated in students deploying functional web applications.

NEW YORK CITY DEPARTMENT OF EDUCATION
SOFTWARE TEACHING INTERN 3/2014 - 6/2015
Helped sixth and ninth graders in the South Bronx learn software engineering, web development, robotics, electronics and data analysis. Developed a unit on data analysis that had students building and deploying Arduino sound loggers in their school.

DATA ANALYSIS FELLOW 6/2014 - 12/2014
Utilized split, apply and combine data analysis techniques with the R programming language to analyze over seven million records from multiple years of the City's survey of all students, parents, and teachers. Developed public facing reports as well as reports for specific Department of Education offices.

TEACH ON THE BEACH **NEW YORK, NY & GHANA**
EXECUTIVE DIRECTOR 10/2009-8/2013
Co-founded organization providing free after school programs to rural Ghanaian children. Set up operations in the US and Ghana and generated over \$200k in revenue and over 30k volunteer hours. Developed programming that connected students in US and Ghana in conversations about civic issues and social justice.

TD BANK, N.A. **CHERRY HILL, NJ**
AVP, COMPLIANCE ANALYTICS 7/2012 - 8/2013
Built consumer compliance analytic systems to meet new rules from the Consumer Financial Protection Bureau.

DATRAN MEDIA/PULSEPOINT **NEW YORK, NY**
PRODUCT MANAGER 5/2005-4/2009
Managed roadmap for \$96 million responsive ad serving systems.

EDUCATION

NEW YORK UNIVERSITY **NEW YORK, NY**
Tisch School of the Arts 9/2013 - 5/2015
Interactive Telecommunications Program
Master of Professional Studies
GMAT Score: 740 5/2013
Activities: Maker Faire 2014; NYC Parks 'Daft Junk' Solar Workshop; Organized series of talks with education industry leaders including journalists, government, and private sector.

Leonard N. Stern School of Business 8/2001 - 5/2005
Bachelor of Science: Finance & Marketing
Activities: NYU Crew

WORTH MENTIONING

Expert: Excel & Powerpoint, Web Analytics
Intermediate: Adobe Premiere & After Effects, GIMP, ProTools/Audacity, Video & Sound Recording

PROJECTS

AHA! TEACHER REFLECTION 2/2015 - 5/2015
Built a \$150 surveillance camera with an on-board web application for teachers to privately schedule and watch short clips of classroom video. *Using: Raspberry Pi, Python + Flask, Javascript, PostgreSQL, C, FFMPEG.*

COMMON CORE ON TWITTER 11/2014 - 12/2014
Studied debate about Common Core State Standards on Twitter during 2014 elections to uncover underlying nature of and the parties participating in the conversation. *Using: iPython + networkX, PostgreSQL, Gephi*

DADA-DIAL (call 206.424.7994) 11/2014 - 12/2014
Scraped, cut up, and analyzed a portion of the massive Ubuweb Sound Poetry archive to create a call-in system that generated poetry based on the frequency and duration of user voice input. *Using: Python + Pydub, Asterisk, Fast Fourier Transforms*

MEMIX 10/2014
Explored the relationship between memories and photographs by programmatically mixing photographs from a year of my life. *Using: Python + PIL*

DAFT JUNK 5/2014, 9/2014
Built solar-powered percussion robots from recycled materials. Conducted workshop for children in partnership with NYC Parks Department to build new robots. *Using: Arduino, H-Bridge motor drivers, Solar Panels, Charge Controllers + Batteries*

CENTRALITY (centrality.herokuapp.com) 5/2014
Created a single page web application where users can input any verb to generate a lexicographical cutup using statistics and graph theory. *Using: Python + Natural Language Toolkit, Tornado*

AWARDS

Education Pioneers Graduate Fellowship 2014
Placed at NYC Department of Education and received professional development in education leadership.

Departmental Fellowship 2013-2015
New York University, Tisch School of the Arts
Interactive Telecommunications Program

NYU Prototyping Fund Grant 2013
Interactive Chessboard, a physical board that uses light and sound feedback to teach novices the rules of the game.

Semi-Finalist, Social Venture Competition 2012
Business model and presentation of *Teach on the Beach*

PRESS

NY1's Connect A Million Minds 12/2014
Daft Junk + NYC Parks: Workshop on renewable energy and recycled materials for kids. (<https://goo.gl/CZJ8dq>)

INTERESTS

Reading, Sailing, Biking, Hiking, Cooking