Cecilia reyes

{ I'm interested in the intersection of computer science and storytelling: journalism, data analysis, and natural language processing }

edu

Columbia University, Bachelor of Arts (2011-2015)
Computer Science, Artificial Intelligence track
GPA: 3.5 / 4.0

skills

Backend development
Java, Python, R, basic PHP

Database
mySQL, basic MongoDB

Frontend development
underscore, jQuery, d3.js, HTML, CSS/SASS, handlebars

Other
git (github, bitbucket), emacs, AWS.
Native Spanish (fluent & literate)

experience

Boston Globe, Summer 2014
Interactive News developer intern
Created accessible and responsive web graphics, turnaround of 7 hours - 2 weeks.
Cleaned and scraped government data using csvkit, python
Designed the database backend of a graphic used to record user football predictions

New York Daily News, Sep 2013 - Jun 2014
Data Visualization intern
Created and integrated data visualizations within Polopoly (CMS) for story packages of single articles.
Set up Apache servers for testing, sandbox for special projects.
Only developer in the newsroom, promoted understanding of transition to digital content

Columbia Daily Spectator, Sep 2011 - Sep 2013
News deputy covering University administration, staff writer
Assigned and edited stories, about 7 per week. Wrote at least 5 stories per week.

projects

Magic Grant
Brown Institute for Media Innovation
X-ray builds upon research from the CS department. It uses correlation to identify what words trigger a given ad in the interest of web transparency. The team consists of two PhD students and myself.

GEN New York Hack Day
Global Editors Network
The winning hack of the competition, themed "news as a conversation", uses regexes to talk to a user during a mock presidential campaign. The team consisted of two journalists and myself.

Jit
Programming Languages and Translators
An interpreted language with a graph database intended for journalists; includes an implementation of relevant NLP concepts. The team consisted of three graduate students, one undergrad student and myself

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