Catherine Moresco

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⌂ *catmores.co*

Education

Expected 2016 **Double Major in Physics and Computer Science, B.S.**, *University of Chicago*, Chicago, IL.
Cumulative GPA: 3.86; Dean's List: 2012, 2013;
Relevant Coursework: Computer Systems, Software Construction

Experience

Employment

Summer 2014 **Data Science Intern and HackNY Fellow**, *Oscar Health*, New York, NY.
- Devised meanigful metrics for describing favorability of provider contracts
- Created dynamic and interactive visualizations for both internal review purposes and front-end publication using D3.js
- Fulfilled data analytics requests of coworkers in technical and non-technical departments
- Delivered technical talks and co-coordinated recruitment events for prospective employees

Projects

Fish Plays Pokemon.
- Featured in TechCrunch, Forbes, BBC, and Vice
- Created a motion detector that translates a video feed of my pet fish into GameBoy keypresses; when these are sent to an emulator, it allows him to "play" video games
- Official API sponsor of HackNY 2014 Fall Hackathon
- Written in Python using OpenCV and streamed to Twitch; API built with Tornado

FeedMe at UChicago.
- Built a web scraper and application that generates menus from the University of Chicago's online dining information based on the user's dietary restrictions
- Written in Python, using Flask

Skills

Languages C, CSS, Haskell, HTML, JavaScript, Python, SQL
Technologies D3.js, Flask, Git, jQuery, LaTeX, Vim, *nix
Design Adobe Photoshop and Illustrator

Involvement & Leadership

Positions **Technical Mentor**, *HackNY 2014 Fall Hackathon*.
Graphic Designer and Publicist, *Burton-Judson Dormitory Council*.

Organizations **ACM-W, hack@uchicago, Society of Physics Students, University of Chicago Scavenger Hunt**.