



Sean Renee McNeil

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Work Experience

Data Engineer – McLean, VA

July 2016 – Present

Capital One

- Working on a link analysis project for anti-money laundering to see how customers are connected
- Currently tokenizing sensitive fields in a dataset of 250million records using Spark and Scala
- Used React and Redux on a investigative user facing application

Internships

Researcher – East Lansing, MI

June 2015 – July 2015

BIT Lab at Michigan State University

- Worked on theory development, statistical analysis of big data, parsing, databases, and data analysis for a research project on crowdfunding using R, Python, and LIWC

Developer Design Intern – Alpharetta, GA

June 2014 – August 2014

Hewlett-Packard

- Worked on web-application front-end with the Visibility and Integration Cloud Team using HTML, CSS, Javascript, and JSP

Related Work

Teaching Assistant and Tutor – Ithaca, NY

February 2014 – May 2016

Cornell University

- Teaching Assistant for INFO 2950: Introduction to Data Science, INFO 2450: Communication and Technology, INFO 4240: Designing Tech for Social Impact, and BIOPL 2400: Green World/Blue Planet
- Tutored INFO 1300: Introduction to Design and Programming for the Web and INFO 2040: Networks

Web Developer – Ithaca, NY

February 2014 – May 2016

Cornell University Department of Communication

- Reworked content from an old version of the College of Agriculture and Life Sciences website

Web Developer – Ithaca, NY

January 2014 – December 2014

Daapr

- Web application development for a start-up using Ruby on Rails
- Projects: front-end design, internal admin hub, and UX research

Research Assistant – Ithaca, NY

September 2013 – June 2014

Cornell Social Media Lab

- Contributed to social media research projects on privacy sharing

Education

Cornell University – Ithaca, NY

- Bachelor of Science Degree in Information Science, May 2016
- Cumulative GPA: 3.66, Major GPA: 3.81, Dean's List
- 400 Club – Varsity Athletes who have achieved a 4.0

Uppsala University – Uppsala, Sweden

- Classes in Information Science and Swedish Culture

Skills

Programming

- Proficient: HTML, CSS, Javascript/JQuery, D3.js, SQL, and Python
- Exposure: PHP, R, Matlab, Ruby on Rails, Java, Scala, Spark, Redux, and React

Software

- LIWC and Git

Activities

International Ambassador

September 2015 – May 2016

- Webmaster

Phi Sigma Pi Honors Fraternity

September 2013 – September 2015

- Webmaster, President of Alpha Omicron Class

Cornell Polo Team

August 2012 – May 2015

- Women's Varsity Polo Team