Emma Dickson

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EDUCATION
New York University: 2013-2017
Major: Computer Science & Sociology   GPA: 3.4

EXPERIENCE
The Solomon R. Guggenheim Museum   **New York City, NY**
December 2016- May 2017
Computer Scientist
- Restored the 1998-99 net art piece BRANDON

IBM   **Durham, NC**
May 2016 – August 2016
Extreme Blue Technical Intern
- Worked in a team of three technical intern and one MBA to design a social   file sharing plugin that sat on top of IBM Connections to quantify the reuse and impact of an individual's work using a unique combination of NLP, MinHash and Orientdb.
- Primarily responsible for building an NLP pipeline flask app deployed to Bluemix that connected to a Java backend and graph database.

The Solomon R. Guggenheim Museum   **New York City, NY**
September 2015 - May 2016
Student Research Intern at the Solomon R. Guggenheim Museum
- Participated in research on topics on the conservation of software-based art

Bellevue Hospital Center   **New York City, NY**
May 2015 - August 2015
Data Science Intern
- Worked with Python and R to perform linear regression analysis as well as analyze a unit based on patient satisfaction surveys and utilize natural language processing in comment analysis.

RESEARCH
- Awarded funding for a yearlong research project on Drug and Mental Health Courts in Manhattan, NY and Alleghany County, PA.
- Conducted a thorough literature review on the development of the police force and prison system in America on behalf of Professor David Garland.

TECHNICAL SKILLS
- Strong   skills in Java, Python, R and NLP, familiar with C and Assembly   (x86).
- Experience utilizing Data Science to solve complex problems
- Experience in web development using HTML, CSS, Javascript, p5 and Processing
- Familiar with MySQL and NoSQL databases
- Comfortable with MSDOS and Unix command line tools
- Knowledgeable in source control tools such as Git and SVN

AWARDS, PUBLICATIONS, AND GRANTS
- Dickson, Emma (2015). Ambivalence in Diversion Courts. Inquiry a Journal of Undergraduate Research. Volume XIX, 44
- Dean of the College of Arts and Sciences Undergraduate Research Grant (2014)