Ritwik Gupta

ritwikg2004@live.com ø ritwikgupta.me ø GitHub: RitwikGupta

Experience

May 2015 – Present ––*San Francisco Bay Area, CA (San Mateo)*

Data Science Intern – Staples SparX

- ⊠ Building and modifying recommender systems for the Staples online website.
- ⊠ Working with Hadoop, Apache Spark, YARN, Mesos, and Python
- ⊠ http://staples-sparx.com

January 2015 – Present – *Pittsburgh, PA*

Front-End/Mobile Developer – University of Pittsburgh (Chemistry)

- ⊠ Create a web platform (Pitt Quantum Repository) to easily access molecular visualizations and data.
- ⊠ Working with Flask, Bootstrap, LESS, JavaScript, HTML, and Grunt.
- ⊠ http://pqr.pitt.edu

June 2014 – Present – *Anywhere*

Android Developer – Independent Open-Source

- ⊠ Developed an Android application (PAT Realtime Tracker) that tracks the public transit buses of Pittsburgh, PA in real-time.
- ⊠ The first and most popular application to track the buses of the Port Authority.
- ⊠ http://play.google.com

June 2014 – September 2014 – *Pittsburgh, PA*

Data Science Research Intern – University of Pittsburgh (Biomedical Informatics)

- ⊠ Creating machine learning and natural language processing algorithms to categorize driver and passenger mutations given whole-genome data.
- ⊠ Worked with Python, Theano, nVidia CUDA, Scitkit, and Numpy.
- ⊠ http://dbmi.pitt.edu

June 2013 – August 2013 – *Pittsburgh, PA*

Software Research Intern – University of Pittsburgh (Biomedical Informatics)

- ⊠ Analyzing the frequency of palindromic sequences in the whole human genome, along with specific analysis of acute myeloid leukemia.
- ⊠ Worked with Python, Java, JavaScript, HTML, and D3.
- ⊠ http://dbmi.pitt.edu

Publications

Distribution of Palindromes in the Human Genome. Journal of Pathology Informatics. March 28, 2014.

Education

University of Pittsburgh

Bachelors of Science – Computer Science   **GPA**: 3.710

- ⊠   High Performance Systems/Data Science