Ritwik Gupta

Data Scientist

about

ritwikg2004@live.com
http://ritwikgupta.me
GitHub://RitwikGupta

languages

Python
Java
Android
HTML
CSS
JavaScript
MIPS

technologies

Apache Spark
Mesos
YARN
Hadoop
Scikit
NLTK
Flask
MVC
Apache
(LAMPP/XAMPP)
Linux

interests

machine learning, computer vision, natural language processing, Android development, algorithm design, distributed systems, tennis

education

2014 - 2017   **B.Sc.** majoring in Computer Science
GPA: 3.710
Concentration in Data Science
Concentration in Software Engineering

University of Pittsburgh

experience

May 2015 - Now   **Staples SparX/Staples Innovation Labs**   Data Science Intern
*Building and modifying recommender systems for
the Staples.com website.*

Working with Apache Spark, Hadoop, Mesos, YARN,
and Python.

Jan. 2015 - Now   **University of Pittsburgh (Chemistry)**   Front-End/Mobile Developer
*Developing the Pitt Quantum Repository, a
web platform for molecular visualizations and data.*

Working with Flask, Bootstrap, LESS, JavaScript,
HTML, and Grunt.

Jun. 2014 - Now   **Independent/Open-source**   Android Developer
*Creating Pittsburgh Realtime Tracker, the first
and most popular real-time bus tracking app in Pittsburgh.*

Used Android Studio, Java, XML, and GIMP.

Jun. - Sep. 2014   **University of Pittsburgh (Biomedical Informatics)**   Data Science Intern
*Creating machine learning algorithms to categorize
driver and passenger mutations given whole-genome data.*

Worked with Python, Theano, nVidia CUDA, and Scikit.

Jun. - Aug. 2013   **University of Pittsburgh (Biomedical Informatics)**   Research Intern
*Analyzing the frequency and distribution
of palindromes in the entire human genome, with focus
on acute myeloid leukemia.*

Developed tools in Java, Python, HTML, JavaScript, and D3.

publications

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