Udit Ennam

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EDUCATION

- **Rutgers University** — **New Brunswick, NJ**
  Master of Science in Data Science, GPA: 3.50 / 4.00 — *Sept 2017 - May 2019*
- **Gandhi Institute of Technology and Management** — **Visakhapatnam, India**
  Bachelor of Technology in Electronics and Communication Engineering, GPA: 8.4 / 10 — *July 2012 - Apr 2016*
  Relevant Courses: *Web technologies, Computer Networks, Database Management Systems, Computer Architecture*

TECHNICAL SKILLS

- **Languages:** Python, R, SQL, C++, C#, JavaScript, Java
- **Big Data Technologies:** Hadoop, MapReduce, Spark, Pig, MongoDB
- **Tools/Frameworks:** Tableau, MATLAB, PySpark, .NET, Visual Studio, HTML, CSS, jQuery, Bootstrap, Git, Excel, Gephi, SAS, SPSS

WORK EXPERIENCE

- **Freelance Content Developer at 21CC Recruitment and Training Private Limited** — *Sept 2016 - Mar 2017*
  - Designed storyboards and e-learning modules on logistics and developed assessment tests.
  - Built offline training courses on Supply chain management and conducted lectures as part of Govt. of India's Skill India campaign.
  - **Tools/Technologies used:** Adobe Captivate, HTML5, JavaScript, Python
- **Web and Database Development Intern at HopInTown** — *July 2016 - Mar 2017*
  - Collected leads through the Agile Customer Relationship Management using popups and referral website.
  - Built the mobile website of the company using the .NET Framework. http://m.hopintown.com
  - Analyzed the users' digital footprint through Facebook and Twitter to tailor the offers and services provided.
  - Increased the user base by about 30% during my tenure of 8 months with the company.
  - **Technologies used:** HTML, CSS, JavaScript, jQuery, Bootstrap, C#, .NET, Tweepy, Python
- **Digital Image Processing Intern at National Small Industries Corporation Limited** — *May 2015 - June 2015*
  - Designed a model secured bank authentication system through an algorithm for binary images with two out of two scheme using image segmentation and visual cryptography in MATLAB R2012b.

PROJECTS

- **Identification of interesting genes with enhanced and suppressed activities (R)** — *Nov 2017*
  - Built False Discovery Rate program using Benjamini Hochberg procedure and used it to identify genes with enhanced and suppressed cancerous activity with the help of test-statistic.
  - Visualized using ggplot2 and UpSetR packages. https://goo.gl/b44H7x
- **Abstractive Headline Generator (Python)** — *Dec 2017*
  - Used Kaggle "All-the-news" corpus as the dataset and built word embedding matrix from GloVe.
  - Implemented RNN with LSTM units and attention using Keras package to generate headlines from news articles.
- **Graph Peeler (Python)** — *Oct 2017*
  - Constructed an algorithm for finding the peeling values of each vertex and edge.
  - Used priority queue abstract data type and visualized using Python's graph-tool. https://goo.gl/GzFg1p
- **Statistical Inference Project (R)** — *Sept 2017*
  - Formulated programs for statistical inference of various distributions' parameters using method of moments, maximum likelihood and Bayesian estimation.
  - Composed bootstrapping and Jackknife algorithms for non-parametric point estimation's confidence intervals and used it on unknown dataset for analysis.
- **Twitter Sentiment Analysis (Python)** — *May 2017*
  - Authorized Twitter API client and made a GET request to fetch tweets for Mumbai International Film Festival
  - Parsed the tweets and classified them as positive, negative and neutral.