

Chandan Uppuluri

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LinkedIn: www.linkedin.com/in/chandanu Github: <https://github.com/chandan-u> Website: <http://chandan-u.github.io/>

Education

Master of Science in Data Science, December 2017 Indiana University, Bloomington, IN
Bachelor of Technology in Computer Science, April 2012 Gitam University, INDIA

Experience

VOLUNTEER RESEARCH EXPERIENCE; UNIVERSITY OF PENNSYLVANIA

This summer I have assisted professor Muhammad Abdul-Mageedh and the team at Penn Positive Psychology Center at University of Pennsylvania (<http://www.wvbp.org/>).

- Assisted in research involving Use of Language, Psychology and social media (English, Arabic)
- Collect, clean, analyze and build models on Emotion and Empathy in Social Media.
- Collaborated with a team of Psychologists , graduate students and Researchers.

APP DEVELOPER, HCL TECHNOLOGIES; INDIA – MAY 2014- OCTOBER 2015

- Designed and develop Responsive Design Apps, Hybrid web apps.
- Building data visualization apps for clients.
- Explore new technologies and libraries and providing solutions.

MIDDLEWARE DEVELOPER, HCL TECHNOLOGIES; INDIA – JULY 2012- MAY 2014

T-Mobile has re-invented and re-engineered itself recently. This gave a chance to work on some interesting projects:

- Along with a team of 12 implemented backend integration for T-Mobile – MetroPCS merger , T-Mobile LETO launch.
- Assisted on Oracle Fusion to TIBCO Migration Project. (tool migration)
- Value additions: Automated existing tasks and made process improvements to help development teams. Received client Appreciation for the cost savings. (python, grnoovy)

Academic Projects

- **Facial Sentiment Analysis:** Created a model (neural networks) for predicting the sentiments of facial expressions in images. (Using keras, theano, python, numpy)
- **Semantic web:** Created a web app that visualizes and makes inferences from RDF data sets of researchers. (Using Jena, Sparql)
- **Graph search based recommendation system:** A recommendation system that uses graph traversal over bipartite graph structure for product recommendation.
- **ALFS:** Created an automated script that builds linux from scratch with desired packages.

Publications

Text-mining course : Designed a course on text-mining for online students of Indiana university.

Skills

Languages: Python, R, Groovy, C, javascript

Libraries /Tools/DB: Pandas, scikit, keras, theano, numpy, matplotlib, beautifulsoup, pygtk, scipy, Microsoft excel, Git, Accurev, mongodb, mysql, spark, nltk

Web Technologies: HTML5, CSS3, Javascript, jQuery, AngularJS, Bootstrap, Responsive Design, socket.io, D3, Django, Flask, REST Web services., TIBCO, Oracle Fusion Middleware, XML, XSLT, Jena, Sparql

Platforms: Linux, Windows

Machine learning, statistics, data mining, Sentiment analysis, data semantics, algorithms design and Analysis, Artificial Intelligence.
