

Proxima DasMohapatra

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EDUCATION

Masters in Information Management & Systems

UC Berkeley School of Information, Berkeley

Focus: Data Analytics & Visualization

2015 - Current

Relevant coursework : Data Mining & Analytics, Natural Language Processing, Spatial Data Mining, Information Visualization

Bachelor in Information Technology

Biju Patnaik University of Technology, Bhubaneswar

2008 - 2012

PROJECTS

Automated Music Genre Detection | Data Mining

- Designed a recurrent neural network (RNN) using multiple extracted audio features to predict genre of an audio file by analyzing a collection of over 600 songs of multiple genres.

Mining Dark Data | Information Retrieval

- Extracted summary and entities from historic natural resource research documents in PDF format using NLP and OCR tools.

Tennis Surface Study | Information Visualization

- Created a web application to visualize the importance of different surfaces of tennis courts and their effect on the game.

WORK EXPERIENCE

Data Visualization Intern

ClearStory Data , Menlo Park

May 2016 - Aug 2016

- Extended data models for the data visualization platform.
- Enhanced multiple aspects of visualizations as a part of major product release using ReactJS, Javascript, Ruby on Rails and D3js.
- Enhanced multiple data selection processes for the application by fixing bugs in the existing code.
- Designed and implemented color selection palette for visualizations in the application.
- Implemented tracking for core user actions using Mixpanel.

Business Technology Analyst

Deloitte Consulting , Hyderabad

Jan 2013 - Jun 2015

- Led a team of three analysts to gather requirements from stakeholders, design and deliver customized data interfaces for high-volume financial and real estate data (>10M records) using Oracle's ETL tool.
- Developed medium and high complexity interfaces using Oracle Service Oriented Architecture (SOA) products that were used in daily/periodical data integration between various systems.
- Tested software deliverables for adherence to technical best practices and coding standards, ensuring high-quality deliverables and reducing multiple bugs reported in later stages of the testing process by 20%.
- Tutored subordinates in Oracle Data Integrator tool, helping decrease development time by 20%.

SKILLS

- DATA SCIENCE TOOLS : Python, Pandas, R, Matplotlib, Scikit-learn, NumPy, SciPy, PL/SQL, MATLAB, Tableau, D3.js, Bokeh, Highcharts, Elastic Map-Reduce, NLTK
- ETL TOOLS : Oracle Data Integrator
- DATABASES : Oracle, MySQL
- PROGRAMMING LANGUAGES : Java, C, C++, VBA, Oracle BPEL (Business Process Execution Language)
- WEB TECHNOLOGIES : XML, HTML, XSLT, XPath, JavaScript, PHP, CSS, ReactJS, Ruby
- BUILD TOOLS : Git, TortoiseSVN