


Uday Mittal

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WORK EXPERIENCE

Yahoo!, Sunnyvale, CA — Intern

JUN 2016 - SEP 2016

Developed a web app in React.js and Node.js that enables project managers to perform channel based query profitability experiments. Application allows faster experiment creation by providing centralized channel management, listing channel status and usage history

Khosla Labs, Bangalore, India — Software Engineer

APR 2014 - JUL 2015

Improved transparency in business & infrastructure by developing a Java platform for analytics. Provided dev teams with client libraries to stream data and build custom dashboards quickly using Kibana & Elasticsearch

UC Irvine, Irvine, CA — Teaching Assistant

JAN 2016 - JUN 2016

Conducted D3.js workshops, python programming labs and mentored projects on information visualization

PROJECTS

Location based pub sub for mobile advertising

Developed a web-app that allows ad publishers to dispatch ads real time to interested users in proximity. Flask based app uses Kafka for pub-sub & PostgreSQL with PostGIS for storage

Search Engine for ics.uci.edu

Developed a search engine using crawler4j for crawling, TF-IDF for indexing and cosine similarity for ranking search results

Traffic Sign Detection from Videos

Developed a two stage localization and classification algorithm for identifying traffic signs using the German Traffic Sign Detection Benchmark (achieved 95% success)

Kaggle: Rossmann Store Sale Forecasting

Predicted 6 weeks of sales for 1115 stores with 0.14 RMSPE. Used an ensemble of neural networks built with Theano, trained on GPUs

LANGUAGES

Java	Javascript
Python	HTML
Pig	CSS

FRAMEWORKS & PLATFORMS

React.js	Kafka
Node.js	Kibana
D3.js	Elasticsearch
Flask	Socket.io
Spring-Web	Maven
Hibernate	Android
MySQL	AWS (EC2)

EDUCATION

University of California
Irvine, Irvine, CA
Masters in Computer Science
2015-present
GPA: 3.83/4

Indian Institute of
Technology Mandi, India
Bachelors in Electrical
Engineering
2009-2013
GPA: 8.11/10

COURSES

Analysis of Algorithms
Machine Learning
Information Retrieval
Middleware for Dist. Systems
Operating Systems
Software Testing & Analysis
Visual Computing
Image Understanding
Artificial Intelligence