

ARJUN BHARADWAJ

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EDUCATION

Master of Science in Computer Science (CS)

University of California, Davis

Davis, CA (Sept 2015 – Present)

Bachelor of Science in Computer Science and Engineering (CSE)

University of California, Davis

Davis, CA (Sept 2012 – Jun 2015)

EXPERIENCE

Institute of Transportation Studies, UC Davis, CA

Jun 2015 - Present

Student Programmer & Analyst

- Developed and tested Python scripts to extract and process large amounts of transportation data.
- Performed data analytics and visualization on the outputs and produced reports.

The Creative App Company, Davis, CA

Apr 2013 – Jun 2013

Android Developer Intern

- Implemented a professional application on the Android platform using Java and XML in 2 months.
- Actively interacted with a team of five people to successfully develop the product.

OpsVeda Inc, San Jose, CA

Jun 2011 - Aug 2011

iPhone Enterprise App Developer Intern

- Developed a fully-fledged enterprise application on the I-Phone and I-Pad platforms in 3 months.
- Performed data analytics on the information to display the output in the form of pie charts and bar graphs.
- Constantly communicated with a group of ten people to acquire ideas and implement the robust app.

PROJECTS

Million Songs Data Analytics Project

July 2015 – Aug 2015

CS190.1x edX

- Performed data cleaning and munging on the dataset to create and evaluate a baseline model.
- Used python's MLib library to train and evaluate linear regression model and produce meaningful results.

Big Data Analytics on Google + Amazon product listings

Jun 2015 – July 2015

CS100.1x edX

- Performed text analysis and entity resolution on Google and Amazon product listings using Apache Spark.
- Applied machine learning techniques to analyze terabytes of data and provide accurate results.

SKILLS

Programming Languages: Java, Python (Experienced), Ruby (Intermediate), R (Novice)

Big Data Analysis and ML Tools: Apache-Spark, NumPy, MLib, Pandas, Apache Lucene/Solr (Novice)

Data Visualization: Google Charts, ggplot

Web Dev Languages: HTML, CSS, JS, Bootstrap, AngularJS (Client-Side), Ruby on Rails (Server-side)

Others: Git, Statistics, Text Mining, PostgreSQL, MySQL