

Arnab Sarkar

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EDUCATION

New York University, Graduate School of Arts and Science, New York, NY, USA
Masters of Science in Computer Science
GPA: 3.83

09/2013-05/2015

Bharati Vidyapeeth University College of Engineering, Pune, India
Bachelor of Engineering in Computer Engineering
GPA: 3.9

07/2006-06/2010

SKILLS

Languages and Scripts: C/C++, Java/J2EE, PHP, HTML, UNIX Shell Scripting
Databases: Oracle 10g, MySQL
Tools: IBM DataPower, MS Office, Pega Chordiant
Application Software & IDE: My Eclipse, Oracle Weblogic (v9.2, v10.3)
Servers: Weblogic Server (v9.2, v10.3 on Unix)

EXPERIENCE

Yahoo, Inc., Sunnyvale, CA

06/2014-08/2014

Summer Intern in Weather backend team.

- Made a tool to scrap weather data from various providers and compare them against our data for quality, consistency and outages.
- Monitor the database and send alert emails to team in case database is not getting updated.
- Wrote a script to save raw weather historic data in to mysql database using php.

New York University, New York, NY

09/2013-05/2014

Teaching Assistant for Prof. Benjamin Goldberg and Eric Koskinen.

- Fully responsible for grading assignments for students in the subject of Operating Systems and Data Structures.
- Wrote automated testing scripts to test the programs submitted in C++ and Java.

Tata Consultancy Service Ltd., Mumbai, India

08/2010-07/2013

Systems Engineer

- Worked on project for developing automated adjudication for bank.
- Worked on integration of legacy systems and Web Services.
- Wrote various rules to implement credit scoring for customers in Pega Chordiant. Worked on web services and hibernate framework.

PROJECT EXPERIENCE

Weather Monitoring Tool, project at Yahoo, Inc.

- Wrote shell scripts to crawl various weather providers and government websites to gather data and store them in mysql database using php.
- Also wrote the front-end UI using php and javascript to display the data and graphs from the scraping scripts.
- Wrote php scripts to retain historic weather data.

Startup Projector Analytics using Big Data, course project at NYU

- By analyzing data from various startups, which have been successful, we came up with a data model to predict the success of upcoming startups.
- Implemented using Map/Reduce and Pig scripts.

Real Estate Secured Lines and Loans, project at TCS.

- Saving huge amounts of data using Java and hibernate framework.
- Worked on a tool to persist any failures while writing records in database to keep track of it and reinsert the data after fixing any database related issues using Java.
- Worked on web services in Java, which would expose end points for other systems to interact.
- Worked on Pega Chordiant, which is a Java based rules engine to process the inputs and give an outcome/decision.
- Worked on Data Power, which is a high performance data converter. Converts data from any-to-any format, in order for legacy systems to communicate with advanced systems.