

# SUVRAT BHOOSHAN

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## EDUCATION

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### Georgia Institute of Technology

Atlanta, GA

Candidate for BS in Computer Science (Honors Program)

August 2013 – July 2016

Concentration: Intelligence & Theory

GPA: 4.0/4.0

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## SKILLS

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*Programming Languages:* Java, Python, C, C++, SQL, Datalog, HTML, CSS, JavaScript (Basic)

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## WORK EXPERIENCE

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### College of Computing, Georgia Tech

Atlanta, GA

Teaching Assistant – CS3510 (*Design and Analysis of Algorithms*)

August 2015 – Present

- Provide assistance for students in person during office hours and online through email.
- Grade Homework assignments and Tests for around 100 students.

Tutor – CS2110 (*Computer Organization and Programming*)

January 2015 – May 2015

- Provided weekly 1-on-1 assistance to students taking CS 2110.

Teaching Assistant – CS 1332 (*Data Structures and Algorithms*)

August 2014 – December 2014

- Taught a weekly recitation on different Data Structures and Algorithms covered in the course.
- Developed homework assignments for around 350 students in Java and held office hours for assistance.

### RetailMeNot Inc.

Austin, TX

Software Engineering Intern

June 2015 – August 2015

- Built a data collection package to extract offer metadata from Mongo and MySQL databases.
- Built a machine learning package which predicts offer titles from offer metadata while simultaneously optimizing for uniqueness/rarity of a particular feature and maximizing conversion/yield of all features.
- Integrated Gensim, a python implementation of Word2Vec (A machine learning algorithm developed by Google) to train on coupon titles and perform thematic analysis to find coupons with similar products.

### Program Analysis Group, College of Computing

Atlanta, GA

Research Assistant

January 2015 – May 2015

- Researched on a rule-based graph-rewriting algorithm for translating database queries to corresponding English descriptions for SQL Tutor which is a research prototype for automating SQL education.
- Developed Datalog rules to extract domain-specific knowledge and produce high-quality natural language output from a SQL query.

### Accenture Strategy

New Delhi, India

Management Consulting Intern

May 2014 – July 2014

- Interacted with Government Officials and other Stakeholders to gather information and create detailed Process Maps on Online Taxation System and Land Allocation.
  - Managed a team of 4 people and prepared a Research Report titled “*Improving the Business Environment in India*” for client delivery.
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## PROJECTS

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- *GeoFence Visualizer:* A data driven app - simple Storm topology that reads off the firehose event stream, looks up location data from a local MySQL database, and visualizes the data using Kibana.
- *Shopping With Friends:* Developed an Android mobile app with a team to help notify friends about items that are on their wish-list and are available on sale while shopping. It uses Parse for its backend.