

# Ankush Chauhan

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<http://ankush.tech>

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## EDUCATION

### GEORGIA STATE UNIVERSITY

M.S. IN COMPUTER SCIENCE

Expected Dec 2017 | Atlanta, GA

Cum. GPA: 3.5

### HIMACHAL PRADESH UNIVERSITY

B.TECH. IN INFORMATION  
TECHNOLOGY

Grad. Aug 2014 | Shimla, India

## LINKS

Github:// [ankush2611](#)

LinkedIn:// [ankunix](#)

Quora:// [Ankush-Chauhan-1](#)

YouTube:// [2611ankush](#)

## COURSEWORK

### GRADUATE

Advanced Data Mining

Machine Learning

Advanced Database Systems

Semantic Web

Spatial & Scientific Databases

Big Data Programming

### UNDERGRADUATE

Artificial Intelligence + Practicum

Modeling & Simulation + Practicum

Data Mining

Operating Systems

Design and Analysis of Algorithm

Discrete Mathematics

## SKILLS

### LANGUAGES

C • C++ • Python • Perl • Java • Bash •

Octave • R • Matlab • Scala • SQL •

NoSQL • CSS • Javascript • COBOL •

HTML5 • XML • SPARQL

### FRAMEWORKS / SDKS / TOOLS

scikit-learn • SAS • Hadoop • Spark •

Cassandra • Nginx • NodeJS • Django •

MongoDB • DBUnit • Android • iOS •

MySQL • JUnit • AWS • Azure • WebGL

### APPLICATIONS

DataStage • Google Analytics •

MicroStrategy • Tableau • Photoshop •

GIMP • MS Office • Google Docs •

Unix/Linux • Windows • OS X • Vi •

Emacs • Eclipse • Git •  $\LaTeX$

## EXPERIENCE

### FEDERAL HOME LOAN BANK BUSINESS INTELLIGENCE ANALYST INTERN

January 2017 – April 2017 | Atlanta, GA

- EDW Staging and UAT for facilitating dashboards for the BI business users and performing QA Automation using DBUnit for data verification on DataStage.

### GEORGIA STATE UNIVERSITY GRADUATE ASSISTANT

January 2016 – Present | Atlanta, GA

- Spring 16 | Teaching Assistant @ Department of Computer Science
  - Created and graded homework and exam problems, conducting independent recitation sessions to help undergraduates to enhance their acumen in Discrete Mathematics.
- Summer/Fall 16 | Research Assistant @ Office of Diversity Education Planning
  - Creation of personalised dashboards, weekly reports in Google Analytics for user engagement statistics for department's website.
  - Regression Analysis of user-satisfaction survey data.

### TECH MAHINDRA | AT&T SOFTWARE ENGINEER

November 2014 – December 2015 | New Delhi, India

- Programmed automation script algorithms on RHEL systems using SQL & TeraData for analysis of log data ETL operation plans that reduced manual testing effort by 40%.
- Verified data mining pipeline completeness and applied conversion rules on collected SNMP statistics from U-verse network nodes sustaining systems stability and presented BI reports using MSTR.
- Blended and communicated with onsite US team members for technical and business requirements, with enhanced communication came early fault tolerance & detection.
- Updated and executed test cases and Scripts on Quality Center.

## PROJECTS

### GEORGIA STATE UNIVERSITY January 2016 – Present | Atlanta, GA

- Time Series Data Mining for Solar Active Region Classification
- Community Detection on Complex Graph Networks using Apache Spark
- High Dimensional Spatial Indexing using Space-Filling Curves
- An Offline-Content Dependency-Multi Function based Substrate Function Chaining

### HIMACHAL PRADESH UNIVERSITY August 2010 – July 2014 | India

- Developed and managed a self build open source SPOJ with sophisticated layers of operations engaging more than a 1000+ participants in online coding competitions at HPU based on LAMP, GCC & Python.
- Edited and compiled annual college magazine 'Resonance' and a Video documentary for University Anthem in Adobe InDesign and After Effects.
- Implemented RFID based Library Management System for the HP University Library's 200K books and over 1K users.

## AWARDS

2016	1st Place	hackGSU Spring / Fall	IOT App
2016	1st Place	CodeDay ATL Spring	Flickr WebGL App