

# Ankush Chauhan

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## EDUCATION

### GEORGIA STATE UNIVERSITY

#### M.S. IN COMPUTER SCIENCE

Expected May 2017 | Atlanta, GA

Cum. GPA: 3.43

### 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

Machine Learning

Advanced Database Systems

Semantic Web

Spatial & Scientific Databases

Big Data Programming

Advanced Computer Networks

### UNDERGRADUATE

Artificial Intelligence + Practicum

Modeling & Simulation + Practicum

Data Mining

Computer Networks

Operating Systems

Design and Analysis of Algorithm

Discrete Mathematics

## SKILLS

### LANGUAGES

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

• Octave • Matlab • Scala • SQL •

PL/pgSQL • CSS • Javascript • PHP •

HTML5 • XML • SPARQL

### FRAMEWORKS / SDKS

Hadoop • Spark • Cassandra • Nginx •

NodeJS • Django • MongoDB •

PostgreSQL • Android • iOS • MySQL •

Digital Ocean • AWS • Heroku • WebGL

### APPLICATIONS

AfterEffects • InDesign • Photoshop •

GIMP • Illustrator • MS Office • Google

Docs • Unix/Linux • Windows • OSX • Vi

• Emacs • Eclipse • Git •  $\LaTeX$

## EXPERIENCE

### 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, interacted with students while conducting independent recitations sessions to help enhance their acumen in Discrete Mathematics.
- Summer/Fall 16 | Research Assistant @ Office of Diversity Education Planning
  - Gamification of GSU's Passport Program using the iCollege Framework to enhance user dialogue in Diversity and Cultural participation.

### TECH MAHINDRA | SOFTWARE ENGINEER

November 2014 – December 2015 | New Delhi, India

- Client - AT&T U-verse
  - Programmed automation script algorithms on RHEL systems for log data ETL plans that reduced manual testing effort by 40%.
  - Verified data completeness and conversion rules for collected SNMP statistics from U-verse network nodes sustaining systems data-pipeline stability.
  - Blended and communicated with onsite US team members for technical and business requirements which delivered early project deployment.
  - Updated and executed test cases and Scripts on Quality Center which subdued project cost significantly.
  - Attended daily scrum with developers for defect tracking, with enhanced communication came early fault detection.

## PROJECTS

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

- 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 | Shimla, 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 of college annual magazine Resonance and a Video documentary for University Anthem in Adobe InDesign and After Effects respectively which enhanced the public relations outreach of CS department at HPU.
- Implemented RFID based Library Management System for the HP University Library's 200K books and over 1K users.
- Developed a paint application and a game using Allegro Game Library for C/C++ learning scalable advanced gaming computations concepts.

## AWARDS

|      |            |  |                      |
|------|------------|--|----------------------|
| 2016 | 1st Place  | hackGSU Spring                         | iOS Health App       |
| 2016 | 1st Place  | CodeDay ATL Spring                     | Flickr WebGL App     |
| 2009 | Runners Up | CBSE National Level Science Exhibition | Reconnaissance Robot |