

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