Ankush Chauhan

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EDUCATION

GEORGIA STATE UNIVERSITY
M.S. in Computer Science
Expected December 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**
YouTube:// **2611ankush**
Quora:// **Ankush-Chauhan-1**

COURSEWORK

GRADUATE
Machine Learning
Advanced Database Systems
Advanced Computer Networks
Spatial & Scientific Databases
Big Data Programming
Semantic Web

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 • OS X • 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 students, conducting recitations sessions to enhance undergraduate student 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 reducing 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
- Edited and compiled of college annual magazine Resonance and a Video documentary for University Anthem in Adobe InDesign and After Effects rspectively which enhanced the public relations outreach of CS department at HPU.
- Developed and managed a self build open source SPOJ for online coding competitions at HPU based on LAMP, GCC & Python.
- Implemented RFID based Library Management System for the HP University Library.
- Developed a paint application and a game using Allegro Game Library for C/C++ learning scalable advanced gaming computations concepts.

AWARDS

Year	Place	Event	Project
2016	1st Place	hackGSU Spring	iOS Health App
2016	1st Place	CodeDay ATL Spring	Flickr WebGL App
2009	Nationals	CBSE National Level Science Exhibition	Reconnaissance Robot