Ashutosh Pandey

Address - H.No. 23, Goraksh Nagar, Gorakhpur, U.P. - 273010
ashutosh16013@iiitd.ac.in | +91-7351039525

EDUCATION

IIIT DELHI
M.Tech in Computer Science
July 2016 | Present
Cum. GPA: 8.2

GRAPHIC ERA UNIVERSITY
B.Tech. in Computer Science
July 2012 | July 2016
Gold Medalist
Cum. GPA: 9.5 / 10.0

ST.JOSEPH'S INTER COLLEGE
Higher Secondary | Gorakhpur
Grad. 2011 | 83.67 %
High School | Gorakhpur
Grad. 2009 | 87.71 %

LINKS

Github:// ashutosh16013
LinkedIn://ashu2710

COURSEWORK

Parallel Programming
Mobile Comupting
Operating Systems
Probabilistic Graphical Models
GPU Computing
Algorithms

SKILLS

PROGRAMMING
Proficient
C • C++ • R • Java
Intermediate
LaTeX • PHP • Shell
Familiar:
Python • CUDA

TOOLS
Proficient
vim • Android Studio • Eclipse
Intermediate
Docker • MySQL Workbench
Familiar
gdb • cscope

INTERESTS

• High Performance Computing •
Application Development • Linux Kernel

EXPERIENCE

INTEL | Graduate Technical Intern
August 2017 - Jan 2018 | Bangalore, India
- Responsible for establishing Chrome Audio Server over Ubuntu and resolving compatibility issues
- Work upon an open issue with Gallium OS regarding audio devices

IIIT DELHI | Teaching Assistant
Aug 2016 – July 2017 | Delhi, India
- DES 130 - Introduction to Engineering Design, Winter 2018
- CSE 501 - Designing Human Centered Systems, Winter 2017
- CSE 545 - Foundations of Computer Security, Monsoon 2016

ONGC (OIL AND NATURAL GAS CORPORATIONS) | Intern
Jan 2015 – Feb 2015 | Dehradun, India
- Developing a system for exploration and production data and develop general scout reports for the same.
- The code was immediately included into the intra network

PUBLICATIONS

- A. Pandey , M. Kaur, P. Goyal, "The Menace of Plagiarism: How to Detect and Curb it" Accepted at the 4th International Symposium on Emerging Trends and Technologies in Libraries and Information Services (ETTLIS), 2015.
- M. Kaur, A. Pandey, A. Garg, "Analyzing State Board's Examination Results Using Data Mining Techniques and R Programming" Accepted at the Sustainable Computing Techniques in Engineering, Science and Management conference, 2016.

ACADEMIA

PROJECTS UNDERTAKEN

- MyMedicine: A medicine reminder android based mobile application that lets the end user manage his prescription and set alarms for the same.
  Team Size - 4

- Cotton Runtime: A work sharing task parallel runtime for extracting the power of a multi-core processor. It used a thread pool design for providing linear speedups for applications run using it. It used the X10's famed async/finish mechanism for providing task parallelism.
  Team Size - 1

- Smart Health Web Portal: A social networking application where people can discuss health issues. The Portal provides features like creating profiles, start discussions, comment on posts etc.
  Team Size - 2

- Coding Ground: Providing Software(Compiler) as a Service Over OpenStack Private Cloud.
  Team Size - 3