Amit Kumar

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EDUCATION

DELHI TECH. UNIVERSITY
(DELHI COLLEGE OF ENGINEERING)
MATHEMATICS & COMPUTING
ENGINEERING
2012 - 2016 | New Delhi
Aggregate: 61.40%

SAINT GIRI SCHOOL
Grad. May 2011| Delhi, India
BATCH RANK 1

LINKS

Github:// **aktech**
Web:// **iamit.in**
Blog:// **iamit.in/blog**
LinkedIn:// **iaktech**
Twitter:// **@iaktech**
Quora:// **Amit-Kumar-516**

UNDERGRADUATE

Data Structures
Operating Systems
Algorithm Design & Analysis
Object Oriented Programming
Scientific Computing, etc

SKILLS

PROGRAMMING
Proficient:
Python
Familiar:
HTML • CSS • C • C++
OPERATING SYSTEM
Mac OSX • Linux • Windows
TOOLS & FRAMEWORK
Django • Bootstrap
Git •SublimeText

CONFERENCES

International:
PyCon UK, PyCon Asia Pacific
FOSSASIA 2016, Singapore
SciPy 2016, Austin, TX
PyGotham 2016, New York
National:
• Gnome Asia Summit 2016
• PyDelhi Conference 2016
• PyCon Indian 2016, 2015

EXPERIENCE

ZOMATO | SOFTWARE DEVELOPMENT ENGINEER
October 2016 - Present

HACKEREARTH | SOFTWARE ENGINEERING INTERN
R & D Team | June 2016 - September 2016
- Facilitated the collection of standard error logs.
- Wrote an Error Log Parser for C, C++, Python and Java.
- Wrote a Checker for comparing user output with expected output to give appropriate suggestion for frequently occurring cases.

GOOGLE SUMMER OF CODE 2016 | MENTOR
Mentor for SymPy Project

- Mentored two students for the development of solvers in SymPy. [1], [2]

GOOGLE SUMMER OF CODE 2015 | PYTHON SOFTWARE
FOUNDATION (SYMPY)
May 2015 – Aug 2015
- Worked on Solvers Module. Improved Mathematical robustness of new solvers module.
- Implemented Complex Sets: Representing infinite solutions in the argand plane;
- Linear System solver;
- Differential Calculus Methods.

PROJECTS

CODEPLAY | ONLINE CODE PLAYER
Built a Django web application to Compile and Run code using HackerEarth API.

DTU RESUME MANAGER SCRAPER SCRAPPING
A Python Script hosted on Google App Engine, which logins to the Resume Manager of Delhi Technological University, scraps latest announcements and sends a mail to all the subscribers. Repeats (Cron) this process every minute.

CRICLIVE CLI
A command line utility to get real time scores of all the live cricket matches around the world.

SPEAKING

TALKS
- Introducing MetaClasses", PyCon UK, Cardiff.
- Symbolic Computation with SymPy", FOSSASIA 2016, Singapore. & SciPy 2016, Austin TX.
- Demystifying Python MRO, PyGotham 2016, New York. (*Selected talks listed)