

Amit Kumar

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EDUCATION

DELHI TECH. UNIVERSITY
(DELHI COLLEGE OF ENGINEERING)
BACHELOR OF TECHNOLOGY IN
MATHEMATICS & COMPUTING
ENGINEERING
2012 - 2016 | New Delhi, India

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

Python • PHP
C • C++ • Javascript
HTML • CSS •

OPERATING SYSTEM

Mac OSX • Linux • Windows

TOOLS & FRAMEWORK

Django • Flask • Bootstrap
Git • Vim

CONFERENCES

International:

PyCon UK, PyCon Asia Pacific
FOSSASIA 2016, Singapore
SciPy 2016, Austin, TX
PyGotham 2016, New York
PyCon CZ 2017, Prague

National:

- Gnome Asia Summit 2016
- PyDelhiConf 2017, 2016
- PyCon India 2016, 2015

EXPERIENCE

POWERSVAULT, UK | SOFTWARE ENGINEER
London, United Kingdom | October 2017 - Present

- Software Engineer in the Data Science Team.

ZOMATO | SOFTWARE DEVELOPMENT ENGINEER
Gurgaon, India | October 2016 - October 2017

- Built pipeline for Image Quality/Classification for processing millions of Photos.
- Built Automated creation of Collections of restaurants using Review Highlights
- Cuisine Prediction for restaurants using word2vec.
- Built several internal tools.

HACKEREARTH | SOFTWARE ENGINEERING INTERN | R & D TEAM
Bangalore, India | June 2016 - September 2016

- 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 2017, 2016 | MENTOR
Mentor for SymPy Project

- Mentor for the development of solvers in SymEngine. [1],
- 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

- Improved Mathematical robustness of new solvers module.
- Implemented Complex Sets: Representing infinite solutions in the argand plane;
- Linear System solver, Differential Calculus Methods.

AWARDS

2016	SciPy	Financial Aid Award
2015	HackerRank	WorldCup semifinal with a team of two.
2014	Qualified	Google Code Jam, Qualification Round.
2012	National	Top 1% out of 1.3 million Candidates in AIEEE.

PUBLICATIONS

[1]. SymPy Authors, "SymPy: Symbolic Computing in Python", 2016. : Peer Journal

SPEAKING

SELECTED TALKS

- "Introducing MetaClasses", PyCon UK, Cardiff.
- "Symbolic Computation with SymPy", FOSSASIA 2016, Singapore. & SciPy 2016, Austin TX.
- "Demystifying Python MRO", PyGotham 2016, New York.