

Amit KUMAR

PERSONAL INFO

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WORK EXPERIENCE

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| August
MAY 2015 | Google Summer of Code 2015 Python Software Foundation
<i>SymPy (Computer Algebra System)</i>
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. |
| Present
NOV 2014 | Open Source Contributor SymPy
<i>Top Contributor in the year 2014-2015</i>
SymPy is a Python library for symbolic mathematics (Computer Algebra System). I worked across various modules of SymPy like solvers, sets and reviewed pull requests. |
| April
2015 | Open Source Contribution SymEngine
<i>Contributed Two Patches</i>
SymEngine is a fast symbolic manipulation library, written in C++. I contributed a couple of Patches (Pull Requests) Implemented Inverse Hyperbolic Secant Function. |

PROJECTS

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| March
2016 | CodePlay Online Code Player
<i>Online Code Compiler and Interpreter.</i>
Built a Django web application to Compile and Run code using HackerEarth API. |
| October
2015 | DTU Resume Manager Scraper
<i>Minor Project 7th Semester</i>
A Python Script hosted on Google App Engine, which logs in 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. |

EDUCATION

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| 2012 - 2016 | B.Tech in MATHEMATICS & COMPUTING, Delhi Technological University
AGGREGATE (UPTO 7 SEMESTERS): 62.40% |
| JUNE 2011 | Class 12 th St. Giri School , New Delhi
CUMULATIVE AGGREGATE: 84.80% (Batch Rank: 1) |

SCHOLARSHIPS AND ACHIEVEMENTS

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| APRIL 2014 | Qualified for Google Code Jam 2014 (userid: aktech). |
| 2015 | In HackerRank WorldCup 2015 reached till semifinal with a team of two. |
| 2015-PRESENT | Core Developer at SymPy (Open Source), 25K+ monthly Downloads. |
| 2012 | Ranked in Top 1% candidates out of 1.3 million Candidates in AIEEE-2012. |

TECHNICAL SKILLS

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| Proficient: | PYTHON, C++, C, LINUX ubuntu, Git. |
| Intermediate: | HTML & CSS (Basics). |