

# Abhijeet Gaurav

Room 265, 500 North Martin Jischke Drive, West Lafayette , IN 47906  
<http://web.ics.purdue.edu/~agaurav/> (646) - 220 - 2358 [agaurav@purdue.edu](mailto:agaurav@purdue.edu)

## EDUCATION

### Purdue University - West Lafayette, Indiana

*August 2014 - May 2017*

Bachelor of Science in Computer Science, Mathematics, Statistics (Triple Major)

Cumulative GPA: 3.7/4.0

## EMPLOYMENT/EXPERIENCE

### Software Engineering Intern at [Eventila](#), New Delhi, India

*May 2015 - Jun 2015*

- Worked on Search Engine Optimization to increase page ranking.
- Wrote QueryBuilder for Elastic Search in Java.
- Developed parts of an Android application using Android Studio.

### Purdue [EPICS](#) ([DISC](#) Team Project)

*Jan 2015 - May 2015*

- Developed parts of a web application for Soap and Towel Campaign (later rebranded to [A Fresh Start](#)) to track donations for homeless shelters.

## PROJECT WORK

- Creating a simplified Linux Shell using C++, C, LEX and YACC.
- Created my own basic memory allocator (malloc and free functions) using C, C++.
- Developed a WebCrawler & SearchEngine program to search a particular website using C, C++, FSM.
- Created a Chat Server and Chat client where multiple users can chat using C++, C, GTK+.
- Developed parts of Safewalk Server, Safewalk android application and Sudoku Solver using Java

**Github link :** <https://github.com/abhiga>

## COMPUTER SKILLS, COURSEWORK

Programming Languages: C, C++, Java, ARM Assembly Language, Bash, R  
PHP, HTML, SQL (self taught for Purdue EPICS project)

CS Courses Taken: Systems Programming, Analysis of Algorithms, Data Structures & Algorithms, Computer Architecture,  
Programming in C, Foundations of Computer Science, Object Oriented Programming, Computer Science Tools

Maths & Stats Courses: Linear Algebra, Linear Algebra II, Topics Vector Calculus, Foundations Analysis, Probability, Intro to Statistics

## HONORS/AWARDS/ACCOMPLISHMENTS:

*Purdue Crowe Horwath Scholarship (Awarded by Purdue Computer Science department)*

*April 2015*

*Purdue Dean's List*

*Every Semester*

*Purdue Semester Honors*

*Every Semester*

*Perfect Scores in SAT Mathematics Level I, Mathematics Level II & Physics*

*January 2014*

*Secure 99.35 percentile in JEE-Mains among 1.3 million students in India.*

*July 2013*

*Among top 82 students in India who cleared CMI Mathematics entrance test*

*June 2013*

## EXTRA-CURRICULAR ACTIVITIES:

Purdue Computer Science Peer-2-Peer, Mentor

*September 2015 - Present*

Purdue Global Science Partners, Mentor

*April 2015 - Present*

Purdue Multinational Integral Exchange, Team Leader

*April 2015 - Present*

Purdue Association of Computing Machinery-SIGAPP, Member

*August 2014 - Present*