

# 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)  
Concentrations: Machine Intelligence, Foundations Of Computer Science  
Cumulative GPA: 3.54/4.00

## EMPLOYMENT/EXPERIENCE

### Teaching Assistant, [Purdue Computer Science Department](#)

Jan 2016 - Present

Course: CS240 (Programming in C)

- Write and grade labs
- Proctor and grade exams
- Teach 2 weekly lab sessions with 20 students each

### Software Engineering Intern, [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.

## PROJECT WORK

- Developed a cloud share web application where users can share files anonymously by sharing the link of the file generated. The web application also tells the details of the extension of the file and which software can be used to open it on different operating systems.
- Developed a web server application using C, C++ which users can use to host their website on any computer. It also provides options of different concurrency modes such as pool of threads and processes which users can tweak according to their needs .
- Created 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 any data on a particular website using C, C++, FSM.
- Purdue EPICS DISC Team Project: Developed parts of a web application for [Soap and Towel Campaign](#) to track donations.
- 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

Programming Languages: C, C++, Java, ARM Assembly Language, Bash, MATLAB  
PHP, HTML5, CSS, JavaScript, SQL (self taught for Purdue EPICS project)

## HONORS/AWARDS/ACCOMPLISHMENTS:

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

April 2015

Purdue Dean's List

August 2014 - Present

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

January 2014

Secured 99.35 percentile in JEE-Mains among 1.3 million students in India. JEE is required for admission into IITs in India

July 2013

Secured 17th state rank in NIMO (National Interactive Mathematics Olympiad) conducted by Eduheal foundation

## EXTRA-CURRICULAR ACTIVITIES:

Purdue Global Dialogues Program, Participant

January 2016 - Present

Purdue Computer Science Peer-2-Peer, Mentor

September 2015 - Present

Purdue International Programs, Student Ambassador

August 2015

Purdue Global Science Partners, Mentor

April 2015 - Present

Purdue Multinational Integral eXchange, Team Leader

April 2015 - Dec 2015

Purdue Association of Computing Machinery-SIGAPP, Member

August 2014 - Present