# Abhijeet Gaurav

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## EDUCATION

**Purdue University - West Lafayette, Indiana** *August 2014 - Present*
Bachelor of Science in Computer Science, Mathematics, Statistics (Triple Major)
Cumulative GPA: 3.4/4.0

## EMPLOYMENT/EXPERIENCE

Software Development Engineer Intern | Amazon, Seattle *May 2016 - Present*
  Working for IPC (Inventory Planning and Control) team.

Teaching Assistant | Purdue University, West Lafayette *Jan 2016 - May 2016*
  Course: CS240 (Programming in C)
  - Teach 2 weekly lab sessions with 20 students each
  - Write and grade labs
  - Proctor and grade exams

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.

## 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 tweek 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 A Fresh Start (previously Soap and Towel Campaign).
- Created a Chat Server and Chat client where multiple users can chat using C, C++, GTK+.

## SKILLS

Programming Languages:   C, C++, Java, ARM Assembly Language, MATLAB, MySQL

## HONORS/AWARDS/ACCOMPLISHMENTS:

*Alan and Sharon Levy Scholarship (Awarded by Purdue College of Science)* *July 2016*
*Mae and Lloyd J. Jandos Scholarship (Awarded by Purdue College of Science)* *May 2016*
*Purdue Computer Science Peer-2-Peer Mentor Award (Awarded by Purdue Computer Science department)* *April 2016*
*Purdue Crowe Horwath Scholarship (Awarded by Purdue Computer Science department)* *April 2015*
*Perfect Scores in SAT Mathematics Level I, Mathematics Level II & Physics* *January 2014*
*Purdue Dean's List and Semester Honors*

## EXTRA-CURRICULAR ACTIVITIES:

Purdue Multinational Integral eXchange, Discussion Leader *Feb 2016 - Present*
Purdue Global Dialogues Program, Participant *January 2016 - May 2016*
Purdue Computer Science Peer-2-Peer, Mentor *September 2015 - Present*
Purdue International Programs, Student Ambassador *August 2015*
Purdue Global Partners Program, Mentor *April 2015 - Present*
Purdue Multinational Integral eXchange, Team Leader *April 2015 - Dec 2015*
Purdue Association of Computing Machinery, Member *August 2014 - Present*
**Github link** : https://github.com/abhiga