Abhijeet Gaurav

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EDUCATION

Purdue University - West Lafayette, Indiana, US *August 2014 – May 2017*
Bachelor of Science in Computer Science, Mathematics, Statistics (Triple major)
Concentration: Machine Intelligence | Certificate: Learning Beyond Classroom

Purdue Honors/Awards:
Zbig Maureen Grabowski Scholarship (Dec 2016), LBC grant (Dec 2016), Moves Scholarship (Nov 2016),
Industrial Scholarship (Sept 2016), Alan and Sharon Levy Scholarship (July 2016), Jandos Scholarship (May 2016),
Computer Science Peer-2-Peer Mentor Award (April 2016), Computer Science Corporate Scholarship (April 2015),
Dean's List and Semester Honors

EXPERIENCE

Software Development Engineer | Amazon, Seattle, US *July 2017 - Present*
I work for Automated Profit Management (APM) team.

Research Intern | Nanyang Technological University, Singapore *May 2017 – June 2017*
Participated in NTU GRI (Global Research Internship) programme under GRI fellowship.
Research Project: Sentence Unit Detection using DNN, RNN and LSTM

Research Assistant | Purdue University, West Lafayette, US *Sept 2016 – May 2017*
Worked on Latch Free Data Structures
Project: Extending HashTables to support range queries (under Prof. Mohammad Sadoghi)

Teaching Assistant | Purdue University, West Lafayette, US *Jan 2016 – Dec 2016*
Course: CS 251 (Data Structures and Algorithms) under Prof. Susanne Hambrusch (Fall 2016)
Course: CS 240 (Programming in C) under Prof. Eugene Spafford and Prof. Umesh Bellur (Spring 2016)

Software Development Engineer Intern | Amazon, Seattle, US *May 2016 - Aug 2016*
Developed TSA (Transship Sensitivity Analysis) tool, an extension of Amazon's existing DTS tool to
optimize shipment costs. The new tool calculates and graphs the opportunity cost relative impact to optimal
shipment cost if the shipment timings of millions of orders are changed.

Software Engineering Intern | Eventila, Gurgaon, India *May 2015 - Jun 2015*
Worked for SEO (Search Engine Optimization) team to increase the page ranking of eventila.com.
Eventila is a startup which is trying to replicate the model of opentable.com to cater demands of people in India

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.
- 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 University Course Management System which can be used to manage courses and evaluations using Java, MySQL, JDBC.
- Developed a WebCrawler & SearchEngine programs to search any data on a particular website using C, C++, FSM.
- 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, Python, C#, SQL, SAS

Github link : https://github.com/abhiga