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Bryan, TX 77801 **SOURABH S. SHENOY** sourabhsshenoy@tamu.edu

# eDUCATION

|  |  |
| --- | --- |
| TEXAS A&M UNIVERSITY, COLLEGE STATION (TAMU) | **CGPA: 4.0/4.0** |
| Master of Science (MS), Computer Science | Fall 2016 – Fall 2018 (Expected) |
| VISVESVARAYA TECHNOLOGICAL UNIVERSITY (VTU), INDIA | **CGPA: 9.24/10** |
| Bachelor of Engineering (BE), Computer Science | 2012 –2016 |

# Internships / Mentorships / Work Experience**MICROSOFT MENTORSHIP, MTC** AUGUST 2014 – MARCH 2015

* Implemented various Buffer page replacement policies in PostgreSQL Database as proof of concept
* Gained knowledge on Clock Sweep, LRU, 2Q, MRU, Levenshtein Distance, Boyer-Moore, Hashing, MVCC,

Deadlocks, Selectivity modules in Postgres

**INTERN, INFOSYS MANGALORE (Catch Them Young 2009)** SUMMER 2010

* Developed a tool that allowed around 5000 Infosys Employees to book/cancel shuttles
* Technologies Used: **HTML5, CSS, JavaScript**, JQuery, MS Access, SQL, JSP

MAJOR PROJECTS **SOURCE CODE CLASSIFIER USING NLPTOOLS**  FALL 2016

* Developing an extension to PopClip, a popular Mac app, that can automatically identify the highlighted code   
    
  snippet (In 13 languages) and execute it online or locally. Languages Used: **PHP, AppleScript**

**UTILITIES FOR PORTING TCP EVALUATION SUITE TO NS3**  FINAL YEAR PROJECT (2015)

* Developed modules to collect statistics from bottleneck links and plot graphs for the same
* Integrated Tmix and DelayBox modules into NS 3.24 and wrote Test suite and Example script
* Contributed to 2 Google Summer of Code (GSoC) projects. Language Used: **C++**

**SWIFT – AN OPTIMIZED STRING MATCHING ALGORITHM FOR NVIDIA GPU** SUMMER 2015

* Work accepted for poster presentation at Student Research Symposium (SRS), co-located with IEEE

Conference on HiPC, 2015. API Used: **CUDA, C++, OpenMP, MPI**

* Accepted for full oral presentation at International Symposium on Parallel and Distributed

Computing, 2016, held in China.

* Won IEEE TCPP award for “Best Poster”. Also, received scholarship from IEEE HiPC and TEQUIP program of  
    
  **World Bank** to attend the conference, amounting to around $1000.

# Some achievements

* Awarded $1000 **National Science Foundation (NSF)** Grant to attend POPL Conference ‘17 at Paris, France.
* Resource Person for Workshop on **CUDA** at Manipal Institute of Technology (MIT), India
* Grader for the graduate course on Software Engineering (CSCE 606) at TAMU, College Station. Machine Learning, Python, AI,Big Data, Cloud