3902 College Main St.

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

EDUCATION

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| --- | --- |
| TEXAS A&M UNIVERSITY, COLLEGE STATION (TAMU) | **CGPA: 4.0/4.0** |
| Master of Science (MS), Computer Science | Fall ‘16 – Summer ‘18 (Expected) |
| VISVESVARAYA TECHNOLOGICAL UNIVERSITY (VTU), INDIA | **CGPA: 9.24/10** |
| Bachelor of Engineering (BE), Computer Science | 2012 –2016 |

# experience

# **MICROSOFT MENTORSHIP, MTC** AUGUST 2014 – MARCH 2015

* Implemented various Buffer page replacement policies in PostgreSQL Database as proof of concept

**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

SKILLS

* **Programming Languages** : Python, C, C++, CUDA
* **Web Technologies** : HTML5, CSS3, JavaScript, WordPress, Bootstrap Framework,
* **Database** : MySQL, PostgreSQL
* **Platforms** : Windows, Linux
* **Others** : AppleScript, Shell Script, GitHub, NVidia Visual Profiler
* **GitHub Link** : https://github.com/sourabhshenoy

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 (ISPDC), 2016, held in China.

* Won IEEE TCPP award for “Best Poster”. Received scholarship from **IEEE HiPC**, **National Science**

**Foundation (NSF)** and TEQUIP program of **World Bank** amounting to around $2000