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## EDUCATION

### **TEXAS A&M UNIVERSITY, COLLEGE STATION (TAMU)**

Master of Computer Science (MCS)

**CGPA: 3.66/4.0**

Fall '16 – Summer '18 (Expected)

### **VISVESVARAYA TECHNOLOGICAL UNIVERSITY (VTU), INDIA**

Bachelor of Engineering (BE), Computer Science

**CGPA: 9.24/10**

2012 – 2016

## EXPERIENCE

### **AMAZON SDE INTERN, SEATTLE**

SUMMER 2017

- Wrote a service that handles address updates for recurring deliveries such as Amazon Subscribe and Save.
- The service helped Amazon address the issue of orders getting cancelled due to incorrect handling of address updates, thus saving Amazon 9B\$/year and avoiding the loss of 127k subscriptions every year.

### **MICROSOFT MENTORSHIP, (MICROSOFT TECHNOLOGY CENTRE, BANGALORE) AUGUST 2014 – MARCH 2015**

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

## SKILLS

- **Programming Languages** : Python, C, C++, CUDA, Java
- **Web Technologies** : HTML5, CSS3, JavaScript, Spring
- **Database** : DynamoDB, PostgreSQL
- **Others** : Amazon Tools, 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