

# Harshavardhan Srinivas

SOFTWARE ENGINEER · GRADUATE STUDENT

☎ (+1) 510-676-7353 | ✉ harshsrinivas@gmail.com | 🏠 www.harshasrinivas.com | 📷 harshasrinivas | 🌐 harshasrinivas

## Education

### Santa Clara University

MASTERS DEGREE IN COMPUTER SCIENCE - GPA: 3.9

*Santa Clara, CA*

*Apr. 2018 - Present*

### National Institute of Technology (NIT)

BACHELORS DEGREE IN ELECTRICAL ENGINEERING

*Trichy, India*

*Aug. 2013 - Aug. 2017*

## Work Experience

### Facebook

SOFTWARE ENGINEER INTERN (INCOMING)

*Jun. 2019 - Sep. 2019*

- Incoming Software Engineer Intern at Facebook HQ, Menlo Park for the Summer of 2019

### Google

SUMMER OF CODE INTERN

*May. 2017 - Jul. 2017*

- Kick-started the development of IPython support for world's most widely used web crawling framework - Scrapy.
- Developed interactive widgets using Python, JavaScript for Parsel - Scrapy's data extraction engine.

### National Instruments

SOFTWARE ENGINEER INTERN

*May. 2016 - Aug. 2016*

- Developed an end-to-end data visualization platform for their distributed testing framework primarily using C# and JavaScript.
- Spearheaded the technical efforts to build an ASP .NET based REST API for internal operations.

## Projects

### SnapStore.Cloud

LEAD DEVELOPER

<https://snapstore.cloud>

MINIMALISTIC VERSION OF AMAZON S3 / OPENSTACK SWIFT - DISTRIBUTED STORAGE WITH CONTENT-LEVEL ACCESS CONTROL

### CLI-Github

AUTHOR / CREATOR

[github.com/harshasrinivas/cli-github](https://github.com/harshasrinivas/cli-github)

OVER 15000 DOWNLOADS AND 170+ STARS ON GITHUB

## Honors & Awards

2015 **Finalist**, InCTF - Capture The Flag Hacking Competition Finals

*India*

2013 **Scholar**, KVPY Fellowship, Indian Institute of Science (IISc)

*India*

2013 **Finalist**, Indian National Informatics Olympiad (INOI)

*India*

2013 **Finalist**, Indian National Mathematics Olympiad (INMO)

*India*

## Research Publications

### Elsevier - Computers in Industry

INDUSTRIAL INFORMATION EXTRACTION THROUGH MULTI-PHASE CLASSIFICATION USING ONTOLOGY FOR UNSTRUCTURED DOCS

*Vol. 100, 137 - 147*

K. RAJBABU, **HARSHAVARDHAN SRINIVAS**, S. SUDHA

## Program Committees

2016 **Director & Problem Writer**, Pragyan CTF - An International Capture The Flag contest

*International*

2015 **Organizer**, Workshop on Building Web Crawlers using Python

*NIT Trichy, India*

2014 **Organizer**, Workshop on Linux Server Administration and Shell Scripting

*VIT Vellore, India*

## Languages and Technologies

- Python, C, C++, Java, JavaScript, Matlab, Octave, SQL, Latex, PHP, Shell, C#, HTML, CSS, Git
- MySQL, PostgreSQL, SQLite, Redis, Memcached, Apache, Nginx, Numpy, Pandas, Scikit-learn