

# Shreenivas Bharadwaj

<https://shreenibhar.github.io>  
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## EDUCATION

### NIT TRICHY

B.TECH. IN COMPUTER SCIENCE  
 Expected June 2018 | TamilNadu, India  
 Cum. GPA: 8.28/10  
 University domain

### VIDYA MANDIR MYLAPORE

Grad. May 2014 | TamilNadu, India  
 Aggr. Marks: 482/500 (AISSCE)

## LINKS

Github: [shreenibhar](#)  
 Facebook: [ShreenivasBharadwajV](#)  
 Gmail: [vshreenivasbharadwaj](#)

## COURSEWORK

### UNDERGRADUATE

Data Warehouse and Data Mining  
 Artificial Intelligence  
 Machine Learning  
 Data Structures and Algorithms  
 Design and Analysis of Parallel algorithms  
 Operating Systems  
 Automata theory  
 Microprocessors (MASM and 8086)

## SKILLS

### PROGRAMMING

Over 5000 lines:

•C/C++ •Python •Android •Cuda  
 •Matlab • $\text{\LaTeX}$  •Tensorflow •Java

Over 1000 lines:

•HTML •CSS •Javascript •Jquery  
 •OpenCV •Flask •MySQL •Bash  
 •Scikit-learn •Scikit •Numpy

Familiar:

•PHP •NodeJS •Flask •Assembly •NS2 simulator

## EXPERIENCE

### AMAZON SUMMER INTERNSHIP

May 2017 – July 2017 | Chennai, TamilNadu

- Worked in Digital Commerce Platform team part of the Kindle umbrella.
- Worked on the Coral framework and spring to implement an interface to access multiple services run by the team.
- Built a user interface based on JQuery, Javascript, CSS along with Amazon's UI framework running with java backend.

### DELTA | THE UNIVERSITY WEB AND APP TEAM

June 2015 – June 2018 | Trichy, TamilNadu

- Part of the team which created a Battle Code simulator like platform in C/C++ for an AI event for the university tech fest. Major work was done on multi threading and AI logic.

## RESEARCH

### LANGUAGE TECHNOLOGIES RESEARCH CENTER IIIT

#### HYDERABAD | RESEARCH INTERN

May 2016 – July 2016 | Hyderabad, Telangana

Worked with the LTRC research lab under **Prof Manish Shrivastava** to create an end to end interface performing Named Entity Recognition task for languages with sparse labels using Recurrent Neural Networks. The project was implemented in Python Tensorflow framework. Github project has achieved 230 plus stars. Publication was published as part of the proceedings in ICON-2016 conference.

Links: [Conference](#), [Paper](#), [Github](#)

### NETWORKS SIMULATOR LAB NIT TRICHY | RESEARCH ASSISTANT

July 2016 – Dec 2016 | Trichy, TamilNadu

Worked with the Networks Research lab under **Prof Nithya Balan** on optimizing the MAC 802.11 wireless network Contention Window mechanism with a dynamic learning algorithm based on Markov models. The project was implemented in NS2 simulator. Publication was published in Vol.7 No.2 IJDIWC(SDIWC) journal.

Links: [Journal](#) [Paper](#)

### IIT DELHI RESEARCH INTERN | RESEARCH ASSISTANT

Worked with **Prof Rahul Garg** on Granger causality analysis of human brain using fMRI. The project was implemented in Nvidia CUDA C platform involving parallelization of existing algorithms. BLAS concepts were extensively used.

## AWARDS

- 2014 AISSCE School topper in Physics and School 3rd overall and Best CS project.
- 2014 NSO(SOF), IMO(SOF), NCO(SOF) Top 25 in State, Top 350 in country.
- 2014 High distinction in Australian National Chemistry quiz.
- 2016 2nd best publication in Vortex 2016 CSE symposium for Audio separation.

## SOCIETIES

- 2015-18 **Pragyan team . Festember team .**
- 2015-18 **Delta Web team of NIT Trichy.**