Shreenivas Bharadwaj

https://cheeni666.github.io
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EDUCATION

NIT TRICHY
B.Tech. in Computer Science
Expected June 2018 | TamilNadu, India
Cum. GPA: 8.3/10
University domain

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

LINKS

Github: **cheeni666**
Facebook: **ShreenivasBharadwajV**
Gmail: **vshreenivasbharadwaj**

COURSEWORK

UNDERGRADUATE
Data Warehouse and Data Mining
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 • Django •
Matlab • LaTeX • Tensorflow
Over 1000 lines:
HTML • CSS • JavaScript • OpenCV •
Java • MySQL • Bash • Scikit-learn, Scikit
and Numpy
Familiar:
PHP • NodeJS • Assembly • NS2
simulator

EXPERIENCE

AMAZON Summer Internship
Expected May 2017 – July 2017 | Chennai, TamilNadu

DELTA | The university web and app team
June 2015 – June 2018 | Trichy, TamilNadu
- Created and deployed campus communication app.
- Created and deployed numerous apps for university tech fests.
- 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** to create, a tool which performs Named Entity Recognition task for languages with sparse labels using Recurrent Neural Networks. The project was implemented in Python Tensorflow framework. **Click here** for the github link to the project. Publication was published as part of the proceedings of **ICON-2016** conference.

NETWORKS SIMULATOR LAB NIT TRICHY | Research assistant
July 2016 – Dec 2016 | Trichy, TamilNadu
Worked with the Networks Research lab under **Prof Nithya** 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 **SDIWC journal**.

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.

INSTRUMENT RECOGNITION | Personal project
Worked on Instrument Recognition in polyphonic audio using Recurrent Neural Networks. Publication submitted.

AWARDS

2014	AISSCE School topper in Physics and Best CS project.
2016	2nd best publication in Vortex 2016 CSE symposium.
2016	CodeJam round 1 qualified.
2017	Hackerrank Week of Code 30 Silver medal.

SOCIETIES

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