

Arjun Nemani

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Education

B.Tech. in Computer Science & M.S. by Research in Computational Linguistics
International Institute of Information Technology (IIIT), Hyderabad, India

2016 - 2021

Experience

Software Engineering Intern

Sept '17 - Present

T-Hub - India's Largest Incubator

- Worked on an internal facing Web App that helps the incubator track various startups.
- Helped improve the dev workflow of the team and automate creation of landing pages.
- Worked on maintaining the website and creating numerous landing pages for various programs.

Open Source Contributor

Nov '16 - Present

coala

- Mentored newcomers to involve them in development of coala.
- Worked on improving the linter framework, which currently supports 62+ languages
- Worked on making a chatbot that helps newcomers get involved with open source.
- Wrote extensive unit-tests and integration tests for various modules

Full Stack Web Developer

June '17 - Sept '17

The Climber

- Worked on building MyCaptain, an online education Platform.
- Worked on improving and maintaining various websites.

Achievements and Positions of Responsibility

- Google Code-In Mentor with coala 2017 - 2018
- Head of **Open Source Development Group, IIIT-H** 2017 - 2018
- Organizer and Volunteer for **PyConf Hyderabad, 2017** 2017 - 2018
- Head of **Network and Security Club, IIIT-H** 2017 - 2018
- Coordinator for Felicity Threads' **Break-In CTF** 2017 - 2018
- Head of Server and Web Team, Felicity Buzz 2017 - 2018
- Dean's List Awardee *Stood in top 5% of batch.* 2016 - 2017

Major Projects

QuizMe App *Structured Systems Design Course Project under Dr. Raghu Reddy*

Oct '17

- A full-fledged quiz app, made in Ruby On Rails
- Complete with an admin panel, support for multiple choice questions, image questions, etc.

Linux Shell *Operating Systems Course Project under Dr. P.K. Reddy*

Sept '17

- A Bash like shell for Linux, with support for piping and redirection, written in C.

Bombberman Game *Structured Systems Design Course Project under Dr. Raghu Reddy*

Sept '17

- A remake of the classic bomberman game, written in Python3.
- No additional libraries were used.

Online Dating App *I.T. Workshop Course Project under Dr. Venkatesh Choppella*

Apr '17

- A tinder-like online dating app with support for real time chat using sockets.
- Implemented using Bootstrap, Python3, Flask, JavaScript, MySQL and Socket.IO

Relevant Courses

Artificial Intelligence*
Engineering Systems*
Computer Networks*
Graphics*

Computational Linguistics
Structured Systems Design
Operating Systems
Algorithms

Introduction to Databases
Data Structures
Intro to Linguistics
Computer System Organization