Srinadhu Sai Preetham

E-127 OBH,IIIT Hyderabad
Gachibowli,Hyderabad
India-500032
✆ +91 8919670136 ,+91 9949785010
✉ srinadhu.saipreetham@gmail.com

Education

2016–Present	**B.Tech in CSE**, *International Institute of Information Technology*, Hyderabad, **CGPA 8.03** .
2014–2016	**Senior Secondary**, *Sri Chaitanya Junior college*, Hyderabad, **Percentage 97.80** .
2013–2014	**Secondary,SSC**, *Bhashyam Public School*, Hyderabad, **GPA 9.7** .

Work Experience

May, 2019 to Jul, 2019	**Software Developer Intern**, *at Zenoti*, Cyber Towers,Hyderabad. Integration of Zenoti Financial Data with Accounting Software namely Xero, Quickbooks using third party software (POS Accounting) as interface.
Jan,2019 to April,2019	**Teaching Assistant** , *at IIITH*. Working as a teching assistant for Formal Methods Course
Jan, 2019 to April, 2019	**Classify Solvers(Honors Project-2)**, *under Prof.Pawan Kumar*, CSTAR lab. Working on building a software in which user will be given the best solver among the available to solve the set of problems that users has.
Jul, 2018 to Dec, 2018	**Honors Project-1**, *under Prof.Avinash Sharma*, CVIT lab. Worked on Brain Networks to bring significant correlation between Structural Connectivity of Brain and Functional Connectivity of Brain in Static condtion.
Aug,2017 to Nov,2017	**Software Developer** , *at MARKETFRONT, T-HUB Hyderabad*. UI/UX designer for their merchant website

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Projects

Feb,2019 to Mar,2019	**Video Deblurring**, *Computer vision Course Project*. Developed a video deblurring model based on semantic segmentation and pixel wise non linear kernel.
Aug,2018 to Nov,2018	**Decaf-Compiler**, *Compilers Course Project*. Developed a compiler for Decaf Programming Language(OOPs), which includes Lexical analysis, Parser, AST construction, Semantic analysis, LLVM IR Generation.

Aug,2018 to Nov,2018	**Face Recognition**, *SMAI course project*. sizeBuilt multiple models for face recognition with over 90 percent accuracy using naive bayes classifier , logistic regression , MLP models and several other classifiers.
Nov, 2018 to Dec, 2018	**Color Coded iCalender**. Calender format with events and reminders like in google calender will be created automatically by using the Time table image.
Feb, 2018	**3D-Zelda Legend Game**. Developed a version of 3D-Zelda Legend Game with OpenGL Library modelling collisions, shooting, enemies.
Mar, 2018	**HTTP-Proxy-Server**. Simple server which understands the GET requests and using Cache Storing technquies for faster performance,Implemented using Socket Programming in Python.
Apr, 2018	**Extreme Tic-Tac-Toe Bot**. Developed Tic-Tac-Toe Bot using Min-Max algorithm with Alpha-Beta Pruning and an Effective Heuristic function to find the next Optimal Move. Ranked 4th in a tournament which saw 90 teams take part in it
Aug, 2017	**Bomberman Game**. Developed a version of Bomberman game with basic modules of Python.
Apr, 2017	**IIITH Library Portal**. Developed a Library Portal for IIITH which helps its students and staff to get updated with books available and they will be able to request for new books and see online pdf versions of books .
Oct, 2017	**Interactive C-shell**. Developed a user-interactive shell in C,implementing the major features of GNU/Linux shell like I/O piping, redirection, basic commands etc as a part of Operating Systems Course.
Sep 2017	**Quiz WebApp**. Developed a State saving Quiz Game WebApp with Ruby on Rails. which sets quizzes in different genres

Achievements

JEE MAINS	Secured an All India Rank of **643** in JEEMAINS.
IIT-JEE	Secured an All India Rank of **1307** in JEE-Advanced.
AP-EAMCET	Secured a Rank of **169** in AP-EAMCET
TS-EAMCET	Secured a Rank of **139** in TS-EAMCET

Technical Skills

Working Knowledge	Matlab,GNU/Linux,C,C++,Python3,OpenGL,HTML,CSS,JavaScript, Matlab, SQL, Git

Past Experience	Bash Scripting,MIPS Programming

Courses

Core Computer Science and Engineering Courses

- Statistical Methods in AI
- Operating Systems
- Intro to Computer Networks
- Algorithms
- Data Structures
- Computer Programming
- Optimization Methods
- IT Workshop-II
- IT Workshop-I
- Formal Methods
- Digital Signal Anal. and Appl.
- Group Theory and Vector Algebra
- Differential Equations
- (*)Database Systems
- Artificial Intelligence
- Introduction to Databases
- Digital Image Processing
- Compilers
- Engineering Systems
- Computer System Organization
- Computer Vision
- Computer Graphics
- Structured Systems Anal. and Design
- Computational Complexity Theory
- Digital Logic and Processors
- Discrete Maths and Graph Theory
- (*)Distributed Systems

Other Courses

- Basic Electronic Circuits
- Science-I
- Advanced Biomolecular Architecture
- (*)Understanding Raga
- Electrical Science-I
- Science-2
- Environment And Politics
- (*)Game design

Interests

Academic

- Algorithms and Data Structures
- Digital Image Processing
- Artificial Intelligence
- Compilers
- Operating Systems
- Computer Networks
- Computer Vision
- Graphics

General

- Volley Ball
- Movies and Music

Note

(*) indicates Ongoing Courses and projects.