

K Sundar Rajan

SOFTWARE ENGINEER

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Work Experience

IIT Madras

INTERN 🌐

Chennai

December 2018 - February 2019

- Created an application using Python, JavaScript which helps users feed any ML algorithm to the application and point to the Database and connect to a table, run the ML Algorithm and see the predictions in a user friendly way.

Freshworks Inc.

SOFTWARE DEVELOPER INTERN

Chennai

May 2018 - July 2018

- Integrated apps such as Tokbox, ZOHO Books, ZOHO Inventory, etc with the Freshdesk helpdesk software using Freshdesk's SDK with NodeJS.

Education

SSN College Of Engineering

B.E. IN COMPUTER SCIENCE AND ENGINEERING

Chennai

August 2016 - May 2020

- CGPA : 8.20

Projects

Second Hand Car Price Prediction System 🌐

TECHNOLOGIES USED - PYTHON, FLASK

Chennai

September 2018 - October 2018

- Predicts the rate and quality of the second hand car based on its attributes using KNN algorithm.

Face Tracking Using OpenCV(video and image) 🌐

TECHNOLOGIES USED - OPENCV(PYTHON)

Chennai

August 2018 - September 2018

- Detects faces from a live video recorded by the front camera of the system and a project which detects faces from images.

Skills & Technologies

Languages C/C++ (Proficient), Python (Adept), JavaScript (Adept), HTML/CSS (Adept)

Skills Data Structures, Algorithms, Deep Learning, OpenCV, SQL

Achievements

2018/2019 **Facebook Hackercup**, Cleared qualification and first round

2018/2019 **Google Code Jam**, Cleared qualification and first round

2017 **ACM ICPC**, Qualified for Asia Regionals Kharagpur

2017 **ACM Chennai Provincial Contest '17**, 4th place

2016 **Indian National Olympiad in Informatics(INOI)**, Qualified for INOI by clearing Zonal Computing Olympiad(2016)

2016-19 **Technical Symposiums**, Won several programming contests in various college techfests

Certifications

2018 **Neural Networks and Deep Learning**, Coursera 🌐

2018 **Improving Neural Networks: Hyperparameter tuning, Regularization and Optimization**, Coursera 🌐

2018 **Structuring Machine Learning Projects**, Coursera 🌐

Organizations and Interests

Google AI | Explore ML

Student Facilitator for the Google AI's Explore ML Program.

Codechef Trainer

Trainer at a week long programming workshop conducted by Codechef for School and College students.

Competitive Programming

Active Problem Solving on Codeforces and Codechef

SSN Coding Community

Head of SSN Coding Community - MAXFLOW

Professional Carnatic Violinist

Music lover. Performed over 300 concerts in various prestigious halls all over India such as Shanmukhananda Hall (Mumbai).