A Suraj Subramanian

17Z352

3rd year, Computer Science and Engineering

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🏠 G3 - 529, PSG Tech Mens Hostel, Peelamedu, Coimbatore - 641004, TamilNadu, India.

◎ Objective

Passionate and devoted college student seeking to work on industry project for your company as a part of the Innovative Practices course this semester. Me and 4 other students will work as a group on the task you will provide us with throughout the semester. We can also come to your office during weekends. We hope to have a positive impact on your company.

◉ About

Machine Learning enthusiast interested in developing innovative products that have an impact.

🎓 Education

SSLC, Bhavans Gandhi Vidyashram - 10/10
Kodaikanal
June 2013 - July 2014

HSC, Green Park Matriculation Higher Secondary School - 97%
Namakkal
June 2016 - July 2017

B.E. Computer Science and Engineering, PSG College of Technology - 9.3 CGPA
Coimbatore
July 2017 - July 2021*(pursuing)

💡 Projects

Crictics - Cricket Blog and IPL Data Analysis Application
Built a blog and polling app for cricket enthusiasts.
Also developed Data Analysis programs to analyse IPL data.
Utilized : Django, PostgreSQL(Backend), HTML and CSS (frontend), Psycopg2, matplotlib, pandas
Project Link :
https://github.com/SurajSubramanian/Cricket-Blog-in-django

Basic shell for xv6
Implemented a shell on top of xv6 (a linux-based teaching OS) comprising commands for cp, mv, head, tail and a simple editor.

Machine Learning programs
Implemented Simple and Multivariate Linear Regression, Logistic Regression and a Neural Network from scratch using numpy while learning Andrew NGs Machine Learning course

https://github.com/SurajSubramanian?tab=repositories

🛠 Tools

Python, C, C++

numpy

matplotlib

pandas

PyTorch