Navaneeth S

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ADDRESS

C-340
Rajendra Prasad Hall
IIT Kharagpur
Kharagpur, West Bengal
PIN:721302

EDUCATION

BTECH + MTECH

IIT Kharagpur

• CGPA 7.92/10 in Majors (Ocean Engineering and Naval Architecture)
• ACGPA 8.0/10 in Minors (Computer Science and Engineering)

SKILLS SET

LANGUAGES

C • C++ • Python • Matlab/Octave
Go • NumPy • Tensorflow • Keras
pytorch • Javascript • HTML5 • CSS3
Git • Mercurial • SQL • MongoDB
Flask • Shell • GitHub Workflow
Docker • Heroku

COURSEWORK

UNDERGRADUATE

• Machine Learning
• Programming and Data Structures
• Design and Analysis of Algorithms
• Mathematics 1 - Multivariate Calculus
• Mathematics 2- Linear Algebra and Numerical Analysis
• Numerical Solution of Ordinary and Partial Differential Equations

MOOC

• Machine Learning - Coursera
• Deep Learning Specialization - Coursera
• Deep Learning for Visual Computing - NPTEL

LINKS

Github:// **themousepotato**
LinkedIn:// **navaneethsuresh**
Twitter:// **@_themousepotato**
Gmail:// **navaneeths1998**

EXPERIENCE

GOOGLE SUMMER OF CODE 2019 | Mercurial, Python Software Foundation

May 2019 - August 2019

- Mentors: Pulkit Goyal, Sushil Khanchi, Sangeet Kumar Mishra.
- Implemented method to interactively restore uncommitted changes to the working directory.
- Worked on adding functionality to store/restore an unresolved merge-state.
- Improved bookmarks and default config registrar.

KHARAGPUR OPEN SOURCE SOCIETY | Executive Head

January 2018 – Present | IIT Kharagpur

- Spreading open-source awareness in the campus.
  Guide: Dr. Animesh Mukherjee
- Organized Kharagpur Winter of Code, to promote open-source development with over 2000+ registrations, across more than 75 colleges.
- Conducted Python and Git workshop for IIT Kharagpur students to help them get started with open source.

PROJECTS

MONOCULAR 3D OBJECT DETECTION (ongoing)

Advisor: Rishabh Madan

- Working on monocular 3D object detection indirectly with the help of stereo image data.

WIMP | Find time table of professors

- Where Is My Prof enables anyone to find a professor's time table from the data that is intelligently scraped from ERP of IIT Kharagpur.
- Written backend using Flask, BeautifulSoup, mechanize, etc in Python.
- Written frontend in HTML5 and CSS3.

Source Code

AWARDS AND ACHIEVEMENTS

DIGICON | Gold in Inter Hall OpenSoft 2018 IIT Kharagpur

- Intelligently parses different parts of a doctor's prescription (written by hand) using multiple technologies such as OpenCV, Flask, NLP, REST API, bash scripting and Docker.
- Used Tesseract OCR for character recognition.
- Worked on implementing and enhancing spell correction.

Gold in Open IIT Data Analytics 2018 IIT Kharagpur

- Model is based on reducing wastage and safety stock and relying on rather ordering when needed.
- Used Time Series Forecasting using Exponential Smoothing, Economic Order Quantity Model and Just in time inventory strategy policy.