

Nihal D'Souza



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nihaldsouza.github.io

Experience

Cisco Systems

Software Engineer

Oct 2018 - Present | Bangalore, India

- Python developer for the Supply Chain Operations division, building and supporting tools to aid test engineers in product quality assessment
- Successfully built and deployed a Continuous Integration (CI) tool focused around code quality enforcement and reporting
- Currently working on application log modelling to improve operations support and reduce overall system downtime

Univ.AI

Associate

July 2019 - Present | Bangalore, India

- Content creator for the Univ.AI blog website
- Published articles on broader applications of ML curated towards a wider audience

Education

The National Institute of Engineering, Mysuru

B.E. in Computer Science and Engineering

August 2018 | Mysuru, India

- Cum. GPA: 9.00/10.00

St. Columba's School, New Delhi

Major in Computer Science

June 2014 | New Delhi, India

- Cum. Percentage: 92%

Projects

WikiContext

2018

- Prerequisite annotations of Wikipedia articles using TF - IDF and text summarization
- Recently updated version utilizes Streamlit UI for improved usability and navigation

FarmDirect

2017

- B2B application to help farmers connect to retailers directly
- Shortlisted in the Top 5 teams for a State-Level Hackathon

Metamorphia

2016

- Tool to convert relational databases to schema-less NoSQL databases
- Supports MongoDB Atlas and Google Firebase APIs for easy transfer

Publications

- [Bhat et. al., 2018] Bhat, A., Satish, C., D'Souza, N., and Kashyap, N. (2018). Effects of Dynamic Stoplist on Keyword Prediction. *IJSR CSEIT*.

Extracurricular

Mentor Together

Mentor

August 2019 - Present | Bangalore, India

- Guiding an underprivileged engineering student on life and work skills pre-defined by a curriculum
- Dedicating 6 - 8 hours each month on phone calls and activities over a mobile application

IEEE Computer Society

Vice President, Local Chapter

August 2016 - August 2018 | Mysuru, India

- Lead 50 students to work on 15 projects using development boards, funded by Intel
- Organised technical workshops and seminars every month for over 500 students

University Badminton Team

Vice Captain

August 2015 - August 2016 | Mysuru, India

- Won 1 state level and 3 university level tournaments