Yugant
Hadiyal

CONTACT

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Skype: skype

WORK EXPERIENCE

01/05/2020 – CURRENT

Student Assistant
Fraunhofer IOSB-AST

- Working on Continuous Integration pipeline.
- Mainly, working on Arch Linux. Under "Embedded Group"

Ilmenau, Germany

07/2018 – 08/2019

Software Engineer
Cignex Datamatics

Working in Machine Learning and Advanced Statistics domain.

- Technologies/skill: Python, AWS, UiPath Infrastructure.
- Deciding the development approach for client requirements.
- Exploration of open source technologies for the requirements.
- Helping Sales to troubleshoot queries from clients.

https://www.cignex.com/ | 4633 Old Ironsides Dr #109, Santa Clara, United States, CA 95054, Ahmedabad, India

01/2018 – 07/2018

Software Engineer - Trainee
Cignex Datamatics

- Worked with Amazon Web Services to implement a BigData environment.
- Explored similar technologies for comparisons.
- Worked with Data Visualization services like Power BI, QuickSight.

Ahmedabad, India

07/2016 – 09/2016

Reverse Engineering Intern
F(x) Data Labs

- Reverse engineering relational databases were one of the main tasks.

- Other tasks consist of generating flow charts and analysis report.

EDUCATION AND TRAINING

10/2019 – CURRENT – Ilmenau, Germany

Master Of Science Research in Computer and System Engieering
Technical University Ilmenau

Basic studies:

- Algorithms
- Control Engineering
- Information Systems
- Software & System Engineering
- Advanced Mobile Communication Networks

Advanced studies:

- Software Architecture
- Deep Learning

EQF level 7

08/2014 – 06/2018 – Ahmedabad, India

● **Bachelor of Engineering in Computer Engineering**
Lalbhai Dalpatbhai College Of Engineering

- Algorithms
- Theory of Computation
- Data Structures
- Computer Networks
- C++, JAVA
- Python
- Artificial Intelligence

LANGUAGE SKILLS

MOTHER TONGUE(S): Gujarati | Hindi

English

Listening	Reading	Spoken production	Spoken interaction	Writing
C1	**C1**	**B2**	**B2**	**B2**

German

Listening	Reading	Spoken production	Spoken interaction	Writing
A1	**A1**	**A1**	**A1**	**A1**

DIGITAL SKILLS

Programming Languages

python / C / C++

UI

HTML / Tkinter / CSS

Operating Systems

Linux / MacOS / windows

Cloud

AWS / Git

Concepts

Machine Learning / BigData / mathematical statistics / Data Structures
Algorithms / Continuous Integration / Natural Language Processing

Databases

SQL / MS SQL / Postgresql

PROJECTS

Projects

Few of my projects are listed below:

Text Cleaner:

I have created a python library named "textcleaner" for text-data pre-processing. It has reached to count of 9k+ installs in two months.

Below is the link to library and documentation:

- PiPy project: https://pypi.org/project/textcleaner/
- Documentation: hyperlink

Recommendation system:

User To Item Collaborative Filtering Recommendation engine with flash API ready to deploy on the server. Get the recommendations from your data in three calls. This engine is generic so results are not ideal but promising enough to use in the development. hyperlink

P.C. Assistant JARVIS:

Voice-based P.C. assistant to communicate with user and automation of some routine tasks which will be learned from the user's daily usage. Like it will open the browser with top 5 most used websites and will regularly clean recycle bin and temporary files and many more to add. hyperlink

For more projects click here: hyperlink

ORGANISATIONAL SKILLS

Organisational skills

- Ability to lead a small team and a good team player.
- Team management capabilities gained while managing a small team of interns as Software Engineer at Cignex Datamatics.

COMMUNICATION AND INTERPERSONAL SKILLS

Communication and interpersonal skills

- I have spent nearly 4 years in academia and that helped me to adapt good written and oral communication skills.
- Communication is a crucial part of my work as a software engineer.

JOB-RELATED SKILLS

Job-related skills

- Proficient in Python and C/C++ programming languages.
- Capable of carrying out cloud-based development using AWS.
- I have worked in the field of Machine Learning, Natural Language Processing and Advanced Statistics.
- Other known technical skills and concepts: Software Development, Technical Documentation, Big Data, Computer Graphics, Data Structures & Algorithms.

ROLES AND RESPONSIBILITIES

Roles and Responsibilities

Campus Ambassador at DELL India

- Ranked 5th as DELL Campus Ambassador in the country at the end of the season.
- Organized promotional and marketing events on the campus and social media.

Student Co-ordinate at LAA [LDCE Alumni Association]

- Selected and volunteered for 2 years as the student co-ordinate for college alumni association.

DIGITAL PROFILES

Digital Profiles

Portfolio : @yuganthm.github.io

LinkedIn : @yuganthadiyal

GitHub : @YugantM

Medium : @yuganthadiyal