

# Yugant Hadiyal

☎ (+49) 017647678492

✉ **Email address:** [hadiyalyugant@gmail.com](mailto:hadiyalyugant@gmail.com)

🌐 **Website:** <https://yugantm.github.io/>

🌐 **Website:** <https://www.linkedin.com/in/yuganthadiyal/>

💬 **Skype :** hadiyalyugant

📍 **Address :** 02/23, Max-Planck-Ring 18, 98693 Ilmenau (Germany)

## WORK EXPERIENCE

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### Student Assistant

**Fraunhofer IOSB-AST** [ 01/05/2020 – Current ]

**Address:** Ilmenau (Germany)

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

### Software Engineer

**Cignex Datamatics** [ 07/2018 – 08/2019 ]

**Address:** 4633 Old Ironsides Dr #109, Santa Clara, United States, CA 95054 Ahmedabad (India) - <https://www.cignex.com/>

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.

### Software Engineer - Trainee

**Cignex Datamatics** [ 01/2018 – 07/2018 ]

**Address:** Ahmedabad (India)

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

### Reverse Engineering Intern

**F(x) Data Labs** [ 07/2016 – 09/2016 ]

- Reverse engineering relational databases were one of the main tasks.
- Other tasks consist of generating flow charts and analysis report.

## EDUCATION AND TRAINING

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### Master Of Science Research in Computer and System Engineering

**Technical University Ilmenau** [ 10/2019 – Current ]

**Address:** Ilmenau (Germany)

**Level in EQF :** EQF level 7

Basic studies:

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

Advanced studies:

- Software Architecture
- Deep Learning

### Bachelor of Engineering in Computer Engineering

**Lalbhai Dalpatbhai College Of Engineering** [ 08/2014 – 06/2018 ]

**Address:** Ahmedabad (India)

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

## LANGUAGE SKILLS

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Mother tongue(s):

**Gujarati , Hindi**

**English**

**German**

## PROJECTS

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### 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

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### 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

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### 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

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### 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

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### Roles and Responsibilities

#### Campus Ambassador at DELL India

- Ranked 5<sup>th</sup> 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

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### Digital Profiles

Portfolio : [@yuganthm.github.io](https://yuganthm.github.io)

LinkedIn : [@yuganthadiyal](#)

GitHub : [@YugantM](#)

Medium : [@yuganthadiyal](#)