

PARTH WAZURKAR

Final Year CSE Undergraduate

 parthw1.github.io

 parthwazurkar@gmail.com

 +91-9552283766

 linkedin.com/in/parthw1/

 github.com/parthw1

EXPERIENCE

Research and development Intern

Tata Research Development and Design Centre

 July 2019 – Dec 2019

 Pune, India

- Worked in the cyber security and privacy research team.
- Mathematical models using PuLP were developed for the dynamic cloud resource allocation problem, experiments were performed and promising results were obtained.

Google Summer of Code participant

The FreeType organisation

 July 2019 – Dec 2019

 Pune, India

- The goal of the project was to add the support of TeX's bitmap font formats (GF, TFM, PK and VF fonts) into FreeType by providing new modules to handle them.

EDUCATION

B.Tech in Computer Science and Engineering

IIIT Nagpur

 July 2016 – Present

CGPA - 8.23/10.0

PROJECTS

Driver Module

- New drivers for TeX's font format GF, PK, TFM and VF were developed. The drivers were completely developed in ANSI C. Concepts like pseudo OOP, memory allocation, I/O stream parsing were used for the development of drivers.

Adaigor

- A django based music player app, which provides functionality of upload, store and play music by storing on cloud.

Dynamic Memory Allocator

- Implemented a dynamic memory allocator for C (64 bit systems) using heap's virtual address space. Used segregated free lists to maximize throughput and utilization.

ACHIEVEMENTS

- Selected for Google Summer of Code in 2018.
- Codechef 4 Star Rating:-1901
- Secured AIR 9735 in JEE Mains 2016 amongst 1.2 million students.

SKILLS

C C++ Python JAVA Shell
HTML CSS Makefiles GIT

FIELD OF INTEREST

- Competitive Programming
- Full Stack Development
- Distributed Systems

COURSEWORK

- Data Structures
- Design and Analysis of Algorithms
- Object Oriented Programming
- Operating Systems
- Computer Networks
- Database Management Systems

EXTRA-CURRICULAR

Founder & Head

Dotslash - Coding Club of IIIT Nagpur

 Aug 2018 – Present

Student Co-ordinator

Training and Placement cell of IIIT Nagpur

 July 2018–Present

Hostel Secretary

IIIT Nagpur boys hostel

 Aug 2018–May 2019