Hritvi Bhandari

hritvi2801@gmail.com | 9033650221
Github:// hritvi | LinkedIn:// hritvibhandari

INTERNSHIPS

UBER INDIA R&D | SOFTWARE DEVELOPER INTERN
May-July, 2020
• Made **NLP Based Chat API** to facilitate search queries for Uber's metrics.
• Implemented **RPC calls** to existing services and used test driven development.
• Made the service **scalable** to support queries on multiple backend services.

OUTREACHY | MOZILLA - FIREFOX ACCOUNTS
May-August, 2019
• Responsible for **improving and modernizing** the user settings web application for Firefox accounts.

VIPLAB, IIT BOMBAY | SUMMER RESEARCH INTERN
May-June, 2018
• Made a **Face Detection Application** in tensorflow(Python) using FasterRCNN in cuda environment.

PROJECTS

KUBEVIRT | GITHUB: KUBEVIRT
• A **virtual machine management** add-on for Kubernetes.
• Exposed an API to enable the VM to **boot directly from kernel and initrd** stored in the host OS and pass command line arguments to it.

KATANA | SDSLABS, IIT ROORKEE
• Platform to **automatically deploy** the entire infrastructure of attack defence CTFs from deploying **microVMs to networking** between them, managing the services and the scorebot using **Firecracker** .

CODEVILLAGE | SDSLABS, IIT ROORKEE
codevillage.sdslabs.co
• An **online competitive programming platform** with its own **judge** ; holds regular competitions with international participations.

MUZI RECOMMENDATION ENGINE | SDSLABS, IIT ROORKEE
• A music recommendation system built using **content based collaborative filtering** .

EXTRACURRICULARS

SDSLABS | DEVELOPER
January, 2018 - Present
• Involved in maintaining and developing applications for campus students as well as those open to the internet.
• Regularly conducted hackathons, public lectures, and competitions to foster the technical culture in the campus.

PROGRAMMING AND ALGORITHMS GROUP | PROGRAMMER
August, 2018 - Present
• Responsible for organizing, curating and testing programming problems for competitions, and conducting lectures on Data Structures and Algorithms.

WATCHOUT | CHIEF WEB CO-ORDINATOR
August, 2017 - Present
• Responsible for maintaining the website for the official media body of IIT Roorkee.

EDUCATION

IIT ROORKEE
BTECH IN COMPUTER SCIENCE AND ENGINEERING | FOURTH YEAR
July,2017-May,2021 | Roorkee,India
Cum. GPA: 8.93/10

S.D. JAIN MODERN SCHOOL
Surat,Gujarat | March, 2017
Class XII(2017): **Percentage: 95%**
Class X(2015): **Cum. GPA: 10/10**

ACHIEVEMENTS

• Rank **124** in **ICPC Asia Amritapuri Regionals** 2019
• **1st** in India in **Visa Code UR Way** 2019
• Selected as a mentee in KubeVirt project under **CNCF** in Community Bridge program by **Linux Foundation.**
• Selected for **Smart India Hackathon finals** in 2019
• **45th** Rank in world in **Google Code Jam IO** for women (handle:Hritvi)
• Won a scholarship to attend **Open Source Summit + Embedded Linux Conference Europe 2019** .
• Won **Microsoft Code.Fun.Do** online Hackathon, 2018 [Certificate]
• Participated in many **hackathons** like Hack in the North, InOut, Microsoft Code.Fun.Do and Code.Fun.Do++
• All India Rank **428, Joint Entrance Exam Advanced** 2017; 150,000 candidates.

COURSEWORK

Operating System
Data Structures and Algorithms
Object Oriented Programming
Database Management System
Computer Architecture
Computer Networks
Compiler Design
Theory of computation
Artificial Intelligence
Discrete Maths

SKILLS

LANGUAGES

Golang | C++ | Java | Python
React | C | PHP | Rust
JavaScript | Node.js | SQL
HTML/CSS | Jekyll

TECHNOLOGIES

gRPC | Git | LINUX | GDB

EDITORS

VS Code | Vim | Sublime Text