

AKASH SRIVASTAVA

Undergraduate

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WORK EXPERIENCE

System Admin Intern

Roboiotics LLP

Feb 2020 – April 2020 New Delhi, India

- Website Development, Deployment and Management
- DNS Management
- Writing and publishing new Blog

Project Intern

Bharat Heavy Electricals Limited

June 2019 – August 2019 Noida, India

- Developed an Advanced CCTV based Attendance System
- Face Recognition API integration
- Video Frame skipping algorithm development
- Deployment on the server
- User Interface creation using HTML, CSS and Bootstrap
- User Authentication and Authorization

Joint Secretary (Leadership Experience)

BVPIEEE

July 2019 – Present New Delhi, India

- Society and Event Management
- WIEHack 2.0 (2020) Online (Technology Head)
- WIEHack (2018) (Head Coordinator)
- Organised Competitive Coding Workshops
- Founder of 10x Developer Program 2020

ACHIEVEMENTS

- First Prize at Technical Project Exhibition by IEEE MSIT
- Second prize at Technovation in Fervour X by BVPIEEE
- Under Top 10 at IIITD Hack 2019
- Article got featured on **Analytics Vidhya** Medium Blog Page

TRAINING

- Data Structures and Algorithms in C++: CODING BLOCKS.
- Data Science using R Workshop by NSIC New Delhi.

EDUCATION

B.Tech in Computer Science and Engineering

Bharati Vidyapeeth's College of Engineering

2017 – 2021 New Delhi, India

10 + 2

Kendriya Vidyalaya Masjid Moth

2016 New Delhi, India

PROJECTS

Minedenim Project

- As Tech Lead of the software-dev-team designed and developed a scalable system for the company. The system is currently live.
- Tech:** Django, Django-rest-Framework, PostgreSQL, Flutter, Nginx, Firebase, FCM

Meto (IIITD Hack)

- Developed a fully-fledged System, having target of capturing selfie and predicting the user's BMI.
- Tech:** Django-rest-Framework, Flask, PostgreSQL, Flutter, Tensorflow, Firebase

WIEHack 2.0 (Online) Portal

- Developed a Hackathon Organisation portal. WIEHack 2.0 was organised on the platform. The platform served over 200+ participants.
- Tech:** Django, PostgreSQL, HTML, CSS, Heroku, Google Sheets

Face-Recognition and Attendance: BHEL

- Developed a deployable system in which one can pass multiple arguments and perform facial Recognition and Attendance.
- Tech:** Django, Face Recognition API, PostgreSQL, Dlib, OpenCV, HTML, CSS, Bootstrap

SSDr- Surveillance Survey and Damage Report Rover

- A versatile robot having the capability of high manoeuvrability, panoramic view, depth mapping, and human detection.
- Tech:** Python, OpenCV, Raspberry Pi, Arduino

Eyantra (e-YRC -2018) (Qualified Round 2)

- The tasks involved Computer Vision, augmented reality, pathfinding, AVR-C
- Tech:** Python, OpenCV, OpenGL, AVR-C

SKILLS

- Language:** C, C++, Python, SQL, HTML, CSS, JavaScript, Go Lang
- Operating System:** Windows and Linux
- Development:** Backend Development, Rest API Development, DevOps Basics
- Industry Knowledge:** System Design, Algorithms Design and Data Structures, Linux Admin, Restful API Design, Computer Vision

BLOG

- @akash16s, @camping-with-python

Hobbies: Singing, Reading Novels, Playing Video Games, Photography, Playing Cricket