

Arshdeep Singh

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Work Experience

CSIR - Central Electronics Engineering Research Institute

Pilani, Rajasthan, India

SUMMER RESEARCH INTERN

May. 2019 - July. 2019

- Designed and Implemented a novel architecture using 3-D CNNs for tackling the problem of **Spoofing in Face Recognition systems**.
- Implemented the architecture in **Python, PyTorch and Keras**, our implementation achieved **98+ percent accuracy in relevant datasets**
- Continuing the work with Mentor, we have submitted our research for publishing.

GoHired.in

Remotely

TECHNICAL CONTENT WRITER

Sep. 2019 - Present

- Writing and Publishing technical articles for Software Development Interview Preparation.
- Build presentations representing the topic for future teaching use.

Positions of Responsibilities

Academic Undergraduate Studies Division - BITS Pilani, K.K. Birla Goa Campus

Goa, India

SOFTWARE TEAM COORDINATOR

Aug. 2019 - Present

- Leading a team of 8 software developers** for **development, testing and deployment** of Academic Division softwares.
- Handling various college's Academic Division tasks such as **Registration, Classroom allotment, Timetable formation** and others.

Association of Computer Science - BITS Pilani, K.K. Birla Goa Campus

Goa, India

COORDINATOR

April. 2019 - Present

- Democratically elected by **800+** students of Computer Science Department.
- Lead and Initiated the Department Mentorship Program** with **26 mentors** for **200+** freshmen students.
- Continually **evaluate the ongoing courses** and maintain healthy **feedback between students and faculty**.
- Organizing **hackathons, contests and other activities** to **promote Technical Culture on Campus**.

Dept. of Computer Science - BITS Pilani, K.K. Birla Goa Campus

Goa, India

TEACHING ASSISTANCE

Jan. 2019 - Present

- Assisted Professors for the following courses, in **setting up and evaluating labs**, as well as conducting tutorials for the students:
- Object Oriented Programming**, under **Dr. Neena Goveas**
- Discrete Structures in Computer Science**, under **Dr. Anup Basil Mathew**
- Computer Programming**, under **Dr. Bharat M Deshpande**

Programming Courses - Centre of Technical Education

Goa, India

INSTRUCTOR AND MENTOR

Jan. 2019 - Present

- Teaching **Introduction to Programming using C/C++** course to **120+ freshmen** during Aug-Dec 2019.
- Mentored 90+ students **Core Competitive Programming** course during Jan-May 2019.

180 Degrees Consulting

Goa, India

ASSOCIATE

Aug. 2018 - May. 2019

- Assisted several **NGOs** by providing solution to deal with their **low Retention for volunteers**.
- Chosen as a top performer in 180DC Summer Training (June'18-July'18).

Education

Birla Institute of Technology and Science, Pilani, K.K. Birla Goa Campus

Goa, India

B.E. IN COMPUTER SCIENCE AND ENGINEERING, OVERALL GPA: 8.92/10

Aug. 2017 - Present

Achievements

COMPETITIVE CODING, HANDLE: ARSH99

2019 **Global Rank: 124th, Google Kickstart Round F 2019**

Google

2019 **Global Rank: 22nd, August Cook-Off Div. 1 2019**. Codechef Highest Rating: 2105

Codechef

ACADEMIC

2017 **Scored 375/450** in BITSAT

India

2017 **Obtained 99.99 percentile** in JEE Mains among 1.5 million contesting candidates

India

2015 **Obtained 10/10 Cumulative GPA** in All India Secondary School Examination

India