Deepak Gupta

New Delhi, IN|gdeepak884@gmail.com| (797) 240-3711
Available: **May 2020**
Linkedin | **Github**

EDUCATION

Dyal Singh College, University of Delhi, New Delhi, IN
Bachelor of Science Physical Sciences (Computer Science) Expected- May, 2020
Course work: Introduction to Python Programming, Operating Systems, Computer System Architecture, Internet Technologies, PHP Programming, Data Structures and Algorithms, Android Programming using Java Discrete Mathematics and Graph Theory, Computational Physics and some topics of Applied Mathematics and Physics.

TECHNICAL SKILLS

Languages:	Python, PHP, SQL, JavaScript, Java, JSP, FORTRAN, Gnu plot, LaTeX, Shell scripting
Databases:	SQL Server, MySQL, AWS Redshift, DynamoDB
Web Technologies:	HTML, Bootstrap, CSS, RESTful, Django, Flask, TKinter
Software Tools:	Burp Suit, NMAP, Metasploit, Numpy, Pandas, Scikit-learn, Google Colab, Jupyter Notebook, Git, Android Studio
Cloud:	AWS, MSAzure
Security:	Web Vulnerability Assessment and Penetration Testing

WORK EXPERIENCE

Hack The Box – Penetration Testing Labs.
CTF Player *May* 2020 – Present
- Rooted Machines and Owned Challenges

Dyal Singh College, University of Delhi, Delhi. Jun 2019 – Aug 2019
Full Stack Web Developer Intern
- Designed and Developed official website of college using PHP, WordPress environment
- Deployed and hosted applications on University Server
- Optimized performance of applications implementing jobs using PHP
- Interacted with administration of college throughout the development lifecycle to meet their needs and expectations
- Lead a team of 3, mentoring and guiding them to complete projects under timelines
- Handled and resolved the file inclusion vulnerability

Indian Institute of Technology, Delhi(Under AAP).
Summer Research Intern *Mar* 2019 – May 2019
- Prediction Analysis of Delhi NCR Voters Data
- with considerable accuracy

PROJECTS

Digibit : A Python Library
- Useful for making digital circuits, and
- for n-bit mathematical operations

Plagiarism Detection Model
- Designed and developed using convolutional neural network (CNN)
- Upload train/test feature data to AWS S3
- Train and Deployed using AWS Sagemaker

Dog Breed Classifier
- This application is developed to identify an estimate of the dog's breed
- Designed and developed using convolutional neural network (CNN)
- Train and Deployed using AWS Sagemaker

AWARDS

- Selected for Smart India Hackathon 2020 Grand Finale under ISRO PS: TCP/IP Header Compression Algorithm for Satellite Communication.
- 11th in HackCBS 2.O, organized by Shaheed Sukhdev College of Business Studies, New Delhi sponsored by MLH
- 2nd prize in CTF at Institute of Informatics & Communication, University Of *Delhi South* Campus, New Delhi
- Reported P1, P2 , P3 type Bugs in websites