

Dhruv Khurana

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Experience

ML/PYTHON INTERN | CODESPEEDY TECHNOLOGY PRIVATE LIMITED | JUL 2020 – AUG 2020

Created Machine Learning projects in Python including Sentiment Analysis and Handwritten Digit Classification.

CHEGG SUBJECT MATTER EXPERT (Q&A) – COMPUTER SCIENCE | AUG 2020 – PRESENT

Submitting answers as an expert to questions in the field of Computer Science Engineering posted on Chegg website by students around the world

INNOVATION COORDINATOR | IIC-AMITY UNIVERSITY | AUG 2019 - PRESENT

Institution's Innovation Council (IIC) is set up under MHRD's Innovation Cell (Govt. of India).

My position involves fostering innovation and entrepreneurship among students in campus and coordinating between various organizations and departments to organize periodic workshops, seminars, etc. with entrepreneurs and professionals.

CAMPUS AMBASSADOR | CODING NINJAS | JUN 2020 – SEP 2020

Organizing talks, sessions, hackathons in partnership with Coding Ninjas and to promote coding culture in college campus.

STUDENT MEMBER | IEEE DELHI SECTION & IEEE COMPUTER SOCIETY | MAY 2020 – PRESENT

Volunteering in various conferences and webinars organized by IEEE Delhi Section.

Education

B. TECH, COMPUTER SCIENCE & ENGG. | 2018-2022 | AMITY UNIVERSITY, NOIDA

Current SGPA: 9.32/10 and CGPA: 8.94/10

SENIOR SECONDARY | 2017 | THE AIR FORCE SCHOOL, SUBROTO PARK

Class 12 (CBSE) percentage: 93.6%

Class 10 (CBSE) CGPA: 9.8/10

Skills

LANGUAGES

- C++, Java, Python, HTML5, CSS, Bootstrap, MATLAB, MySQL

INDUSTRY KNOWLEDGE

- Data Structures, Algorithms, Cloud Computing, Machine Learning, Digital Marketing, MongoDB

OTHER SKILLS

- IoT, Wireless Sensor Networks, Chatbot Development, IBM Watson

Projects

- **MedPred - Personalized Drug Prediction App** : This is a GUI app fully developed in Python. Once trained on a dataset, it can predict a suitable drug for a patient by taking personalized clinical parameters like age, sex, blood pressure, etc. Users can either use inbuilt dataset or import custom datasets for new disease predictions.
- **Sentiment Analysis of Tweets** - Sentiment analysis of Twitter data to help detect tweets with hate speech by applying ML models like Gaussian Naive Bayes, Multinomial Naive Bayes and Random Forests with Python.
- **Handwritten Digit Classification** - Classification of handwritten digits using Convolutional Neural Network (CNN) in Keras with the standard MNIST dataset.
- **Stock Price Prediction** - Prediction of stock prices using a simple linear regression model in Python.
- **Bank Management System in Java**

Accomplishments

- AWS Certified Cloud Practitioner (CLF-C01) – Validation Number [C2507TTJBMEQ1CC6](#)
- IBM Enterprise Design Thinking Practitioner
- AT&T Summer Learning Academy 2020 Extern
- Qualified the first round of Indian Engineering Olympiad (IEO) 2018.
- Achieved a merit rank of 7 (out of 655) in Cybersecurity Certification Test organized during IEEE VCCS 2020 by IEEE AcSIR-CSIO branch Chandigarh.
- AKC 100% academic scholarship for first year and 50% scholarship for third year of B.Tech
- Completed the Specializations 'AI Foundations for Everyone' by IBM offered through Coursera and 'Python for Everybody' by University of Michigan offered through Coursera
- Completed several MOOCs on Machine Learning, AI, Python, Java etc.
- Earned a gold medal in the 17th National Science Olympiad (NSO) in Class 10 with a school rank 1, state rank 98 and international rank 286.