

Dhruv Khurana

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Experience

DEVOPS INTERN | TO THE NEW | JUN 2021 – AUG 2021

- *Managed AWS infrastructure on Terraform for the Invest India (Gov. of India) project.*
- *Leveraged various DevOps tools like Jenkins, Ansible, Docker for end-to-end automation.*

SUMMER INTERN | VEERSA TECHNOLOGIES | MAY 2021 - JUN 2021

- *Developed a timesheet management app using OutSystems, a low-code development platform.*
- *Winner of the best summer internship project.*

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

- *Made ML projects in Python including Sentiment Analysis and Handwritten Digit Classification.*

CHEGG SUBJECT MATTER EXPERT (Q&A) – COMPUTER SCIENCE | AUG 2020 – FEB 2021

- *Submitted 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).*
- *This 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: 9.25/10 and CGPA: 8.96/10

SENIOR SECONDARY | 2015 - 2017 | THE AIR FORCE SCHOOL, SUBROTO PARK

Class 12 (CBSE) percentage: 93.6%

Class 10 (CBSE) CGPA: 9.8/10

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 using JSP, Servlets and Derby database**

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

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.