Dhruv Khurana

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Experience

STUDENT INTERN | NOKIA | NOV 2021 – JAN 2022

- o *Writing test cases and developing Java code for 4G/5G call charging in Nokia's Online Charging System (OCS)*

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

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

SUMMER INTERN | VEERSA TECHNOLOGIES | MAY 2021 - JUN 2021

- o *Developed a timesheet management app for the company using OutSystems.*
- o *Winner of the best summer internship project.*

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

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

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

- o *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

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

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

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

- ***Plantspector – App for Plant Disease Detection and Monitoring -*** Detection of plant diseases and image super-resolution using Deep Learning models like ResNet-50 and EDSR. The app takes low-resolution plant images as input and detects early signs of disease recommending further management strategies.
- ***MedPred - Personalized Drug Prediction App*** - Developed in Python, when trained on a dataset, the app can predict a suitable drug for a patient by taking personalized clinical parameters like age, sex, blood pressure, etc. It uses decision trees for the prediction.
- ***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 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
- Rank 3 in ASSOCHAM National Engineering Olympiad 2021; Won a cash prize of Rs. 3000
- 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, 50% scholarship for third year and 100% scholarship for final 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.