Nishant Prajapati

Personal Data

Date of Birth:	05 February 1999
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Hackerrank:	https://www.hackerrank.com/Nishant_2017

Career Objective

To achieve a position where I can efficiently use my engineering skill to the growth of the organization and make products which are helpful in our daily life.

Education

Current	Dual Degree Computer Science and engineering, **National Institute Of Technology**, Rourkela Major: Information Security Gpa: 8.31/10
Class 12 Garduation Year	Intermediate in Science, **MRS. K.M.P.M. Inter college**, Jamshedpur Percentage: 86.8
Graduation Year	Matriculation , **Patna Doon Public school**, Patna Percentage: 89.3

Projects

Nitrutsav-18 website	February, 2018 I along with my web team created our cultural fest website. I had created a sign-in and sign-up page for user's login which is based on RETRO theme.
Gate cse app	December, 2017 - March , 2018 I along with my friend created a mobile app for GATE CSE aspirants. I collected all resources and previous year question and converted into xml format. I did all data management part.
Expert system	April, 2018 *Guide:Prof Anup nandy* I along with 2 teammates created two expert system using prolog. First MYCIN for medical for medical consultant which checks bacteroides in pateint. Second AL/3 for problem solving in chess by generating hypothesis
Voice Recognition based security system	August-november, 2018 *Guide:Prof sujata mohanty* This project is based on machine learning. I developed a voice based security system, which takes user's voice as input and feature was extracted using MFCC feature extraction algorithm. I used deep learning technique to create our deep neural network model which identifies, whether the person is authentic person or intruder.

Work Experience

May-July 2018	**Summer Internship at IIT Bhubaneswar** I was working under a research project Context-adaptive Intrusion Detection System using Reinforcement Learning.IDS monitors the network traffic and system level applications to detect malicious activities. This model uses multiple reinforcement agents distributed across the network that adapts to the context of the network. I have performed adversarial attack using an algorithm and checked the robustness of our model and improve that accuracy using de-noising technique.

Technical Skills

General Programming:	C++, Core java, Python, C
Databases:	MySQL
Frameworks:	jQuery, PHP, Prolog, Pandas, Numpy, Keras, Cleverhans, Librosa, PyAudio
Other Software:	XAMPP, Code block, Jupyter notebook, GNU octave, GNUsim8085, LaTeX

Soft Skills

Languages	English - Professional Fluency Hindi- Mother Tongue

Extra Curricular Activities

Technical Society	*Coordinator, INNOVISION-2k17* I worked as a Coordinator in Emergency and security team in our technical fest. I also participated in some events.
Literary and cultural Society	*web team Coordinator, NITRUTSAV-2k18* I along with my team managed the website and database whole throughout the fest.

Scholarships and Certificates

June 2018	Secure 702 out off 6731 position in Week of code 38 in hackerrank coding platform.
June 2018	Udemy:Complete Python Bootcamp: Go from zero to hero in Python.
August 2017	Branch topper in 1st year (in Information security specialization)
April 2016	District topper of Intermediate science in 12th class.
Before 2016	Won science exhibition, painting, essay writing competitions at school level.

Interests and Activities

Competitive programming, Quora,
Gyming, Internet surfing, Q&A expert at CHEGG.