Nishant Prajapati

Personal Data

Date of Birth:	05 February 1999
Address:	B/block Nehru maidan, sonari, Jamshedpur, Jharkhand
Phone:	+91-9525959404
email:	knishant147@gmail.com
Github:	https://github.com/nishantprajapati123
Linkedin:	https://www.linkedin.com/in/nishant-prajapati-11253b152
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: 8.27/10
Class 12 Garduation Year	Intermediate in SCIENCE, **MRS. K.M.P.M. Inter college (JAC Board)**, Jamshedpur PERCENTAGE: 86.8
Graduation Year	Matriculation , **Patna Doon Public school (CBSE)**, Patna PERCENTAGE: 89.3

Projects

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 users voice as input and by MFCC feature extraction algorithm and using deep learning technique it identifies whether the person is authentic person or intruder.
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 patient. Second AL/3 for problem solving in chess by generating hypothesis.
Nitrutsav-18 website	February, 2018 I along with my web team, created a website, based on Retro theme for *NITRUTSAV, Cultural fest of NIT Rourkela.* I had created a sign-up page where new user can register and sign-in page where existing user can view their profile, payment status and certificates.
Gate cse app	December, 2017 - March , 2018 I along with my friend created a Android app for GATE CSE aspirants. It provides previous year questions, study materials, suggested books and paper analysis. I collected all resources and previous year question and converted into xml format. I did all data management part. Download here!

Work Experience

Dec-2018	**Internship at kharagpur winter of code** We were working on an open source project named "messiah". It is a web-based service to help saves life and prevent economic losses. It predicts the possibility of natural disaster at given location, guide the user to all relief point within a specified radius, provide valuable precaution based on the user's location, provide a system where users can add their family members and forward messages to all of them and mark them safe, and many more.
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, SQLite
Frameworks:	Flask, jQuery, PHP, Prolog, Pandas, Numpy, Keras, Cleverhans, Librosa, PyAudio
Other Software:	XAMPP, Code block, Jupyter notebook, Git, Heroku, GNU octave, LaTeX

Soft Skills

Languages	English - Professional Fluency Hindi- Mother Tongue

Extra Curricular Activities

Literary and cultural Society	*web team Coordinator, NITRUTSAV-2k18* I along with my team managed the website and database whole throughout the fest.
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.

Scholarships and Certificates

December 2018	Udemy: Python and Flask Bootcamp-Create Websites using Flask.
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, Machine learning, Web development, Quora, Gyming, Internet surfing, Q&A expert at CHEGG.