Ashish Kumar Jha

Personal Data

Date of Birth:	02 April 1997
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HackerRank:	https://www.hackerrank.com/ashish_1996

Career Objective

To secure a position where I can efficiently contribute my skills and abilities to the growth of the organization and make products which intergrate with day to day life.

Education

Current	Degree B-Tech in Computer Science and Engineering, **National Institute Of Technology**, Rourkela Advisor: Dr. Bidyut Kumar Patra GPA: 8.3/10
Class 12 Garduation Year	Intermediate in Science, **Woodbine Modern school** 96.2: Percentage
Graduation Year	Matriculation , **Kendriya Vidyalaya** 95: Percentage

Projects

Self Driving Car	August-Novermber , 2017 I along with my team built our own self-driving car. It was a modelled version of a car (so it wasn't driving on the streets of real cities) but still - it learned how to drive itself. We used Open source car model which was developed in Unity game engine. We trained it using the pioneering research paper of Nvidia. To achieve this, we used deep **Q-Learning**.
SCHEMCON-17 Website	March - April , 2017 I was developing website for a conclave called SCHEMCON, which register a participation of around 600 including foreign delegates. I developed the front end and using mobile-first approach. Backend was done using Google tools. Then I did SEO for the website.It was for the first time that a fully responsive website was designed in college. Moreover We designed a **Content Management System** so that event-organizer can directly add their event without bothering the Web-Developers.
Digital Home Security	August-October , 2016 This was an Arduino based project. We designed a door lock system. It could be accessed via keyboard(4*4)or Bluetooth. It will open if someone types the correct code. The lock was based on servo motor and there was HC-05 module for Bluetooth module. It contained emergency switch which can be installed inside the house and can be used in case of emergency.
INNO-17 website	September, 2016 I along with my team implemented a **Parallax scrolling website** based on game theme for the *INNOVISION, Technical festival of NIT Rourkela*. In the website we used differential motion in between layers to create an illusion of depth.

Work Experience

May-July 2018	**Internship at Cisco India** I worked in Enterprise switching division in Cisco, where I designed Insight. A intelligent Command line utilty which is used for **Log Analysis**. It can parse large log files and do different type of filtering based on timestamp and process Id. It extracts the log from switches and can also prdict if the bug is new or is an old bug using **Cosine Similarity Algorithm**
Nov- Dec 2017	**Internship at Kharagpur Winter of Code** We were working on an open source project titiled BENJI. BENJI is a digital assistant for your device with the capability of listening and following your orders, It takes voice command or text input and can open websites, fetch news, record audio/Video, download songs, video, search on google map, add and save notes, search for a file on your Device and many more
Feb-2017	**Web-developer at Seabiscuit** I was asked to renovate the website of Seabiscuit website. We made sure that it confirm the material design principles. Seabiscuit is a company which trade in metal scraps

Technical Skills

General Programming:	C, C++, Python,Java Javascript
Databases:	MYSQL, MongoDB
Frameworks:	OpenMP, OpenCV, OpenGL, Node, Django ,PWA, PHP, Prolog , Ajax, Jquery, Pandas, Numpy, Plotly, Seaborn
Other Software:	Adobe Photoshop, MS Office, AfterEffect, Tableau, Git, Cpanel, Android Studio

Soft Skills

Languages	English - Professional Fluency Hindi - Mother Tongue

Extra Curricular Activities

Literary and cultural Society	*Technical- coordinator , 2016-17* I was handling all the technical aspect of the fest. I was responsible for website, automation of fest-activity and other technical things associated with club
National Service Scheme	*Awareness and Cleaning Mentor, 2015-16* I along with my teammates started awareness program for sanitation and cleanliness. We raised awareness about the importance of cleanliness in a tribal village. We also made them aware of various social security schemes by the Indian government and how they can get benefits from it. We also motivated to convert their village to ODF village.

Scholarships and Certificates

October 2017	NPTEL: Introduction To Parallel Programming in OpenMp
December 2017	Udemy: A Gentle Introduction to Deep Learning Using Keras
December 2017	Udemy: Python for Data Science and Machine Learning Bootcamp
December 2017	Udemy: Essentials in JavaScript ES6
December 2017	Udemy: R Programming Language Introduction

Interests and Activities

Quora, Google Local Guide(Level-5), Indian Politics, Swimming