

Shashi Prakash Shah

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Education

Program	Institution	%/CGPA	Year
M.Tech (Computer Science and Engg.)	Indian Institute of Engg. Science and Technology	8.81	2020 - 2022
B.Tech (Computer Science and Engg.)	Academy of Technology, Hooghly, West Bengal	8.93	2016 - 2020
XII th Std. - State Board	Shree Jain Vidyalaya, Kolkata. West Bengal	79%	2015 - 2016
X th Std. - State Board	Rishra Vidyapith (Unit-II), Kolkata, West Bengal	84.5%	2013 - 2014

Course Projects

- CS5172 XML2C_Struct – XML Parser and translation** **November 2021 – January 2021**
Mentor: Manas Hira Team size: 1 M. Tech Course Project, IEST
 - Designed and developed an application to represent data in XML format to structures and arrays as defined in the C programming language.
 - Implemented in C using flex and bison for parsing.
- CS892: Birds Species Classification** **January 2020 – May 2020**
Mentor: Arindrajit Pal Team size: 4 B. Tech Project, Academy of Technology
 - Designed a Convolutional neural network model using Keras and comparatively studied variations of ResNet and VCC-16 neural network models for determining the class of a bird it belongs to.
 - Got 91% accuracy for the Caltech-UCSD Birds dataset for 20 birds, performing similar to ResNet and VCC-16.
- CS792: Voice-based chatbot for Indian Language** **June 2019 - July 2019**
Mentor: Dr. Rajesh P. Barnwal Team size: 1 Industrial Training, CSIR-CMERI, Durgapur (W.B)
 - Developed a voice-based translation tool using Google APIs.
 - Worked on a Voice-based Chatbot (Question-Answering System) for Bengali.

Internships / Key Projects

- Chatbot Development Internship** **July 2020 – September 2020**
Mentor: Shishir Suman, Einsehen Django, Node.js, MySQL
 - Designed and implemented a chatbot web application that lowers the amount of time spent searching for information on the website.
 - Deployed the application on AWS EC2.
- Graph Development Internship** **April 2019 – May 2019**
Mentor: Shishir Suman, Einsehen Chart.js, D3.js
 - Tested and compared open-source virtualization JavaScript libraries based on the requirements.
 - Implemented a graph generating web app for virtualization of spreadsheets.
- Web Development Internship** **October 2018 - November 2018**
Mentor: Shishir Suman, Einsehen CSS, vanilla JS, Bootstrap, JQuery
 - Designed and implemented the homepage of the organization.
 - Worked on implementation of carousel, smooth scrolling, and animations.
- Online – Library Management System** **June 2020 – July 2020**
Independent HTML, CSS, PHP, MySQL
 - Designed and developed a library management system.
 - Worked on the implementation of CRUD operations.

Technical Skills

C, C++, JavaScript, Data Structures, Algorithms, JQuery, MySQL, Git.