

Zaidan Bhat

Kamand
Mandi
Himachal Pradesh

zaidan.bhat@gmail.com
+919682562305
Linkedin: zaidan-bhat

EDUCATION	Indian Institute of Technology Mandi , Mandi, India <i>Bachelor of Technology</i> , Computer Science and Engineering <i>July 2018 - July 2022</i>	CGPA: 8
INTERNSHIP Weathernews Japan June 2021 to August 2021	Sea Route extraction from AIS density data: Worked closely with other members of the Data Analytics Centre and Developed algorithms to extract nodes and links from AIS density data. Tools/Skills: Python3, OpenCV, Matplotlib, Cartopy. AWS Neptune Graph database engine for shortest route extraction: Used the Node and link data to get shortest routes using AWS Neptune. Familiarized with the AWS environment and various AWS services. Also developed an API for route search using flask. Tools/Skills: AWS Neptune, AWS S3, AWS EC2, Gremlin, Python3, flask.	
PROJECTS	Slot Booking Website for C4DFED (10/2020 – 11/2020): Designed a website for the Centre for Development and Fabrication of Electronic Devices at IIT Mandi to enable online booking of equipment and real time availability status of equipment. Tools/Skills: HTML, CSS, PHP, JavaScript, SQL, MariaDB. Optimization of FaceNet face-recognition algorithm (12/2019 – 02/2020): This project was aimed at manipulating the already existing FaceNet face-recognition deep learning algorithm so that it works more efficiently on devices with limited specifications. This optimized algorithm was to be used in building a face-recognition based attendance system for our institution. Tools/Skills: Python, Numpy, Keras, Tensorflow, OpenCV; Quiz server (10/2020 – 11/2020): Designed a server that supports multiple clients. Clients can choose between individual and group mode. In individual mode clients can choose a topic and a random question from a database of questions will appear on the topic. In group mode two clients can attempt questions together and also communicate with each other. Tools/Skills: C++, Socket Programming, Multithreading, Protocol design;	
SKILLS	Languages: C, C++, Python, SQL, Scheme, HTML, CSS, JavaScript, PHP. Tools: Git, Linux, Windows. Others: Data Analysis, Machine Learning, Deep Learning, Networking.	
MOOCs	Open Source Software Development, Linux and Git Building Web Applications In PHP Neural Networks And Deep Learning Introduction To Web Development	
Achievements	<i>Co-ordinator at Hiking and Trekking Club IIT Mandi</i> <i>Third Position In Hackathon Organised By Programming Club IIT Mandi (2018)</i> <i>School Captain at Life School. 2013-2014</i> <i>District Complex Topper In 10th and 12th standards. (2015,2017)</i> <i>First Position in District Level Essay Writing Competition (2015)</i>	