

Tikam Alma

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Education

2016–Present **Bachelor of Technology**, *Dhirubhai Ambani Institute of Information and Communication Technology*, Gandhinagar, Gujarat.

Course : Information and Communication Technology (ICT)

2011–2016 **High-School**, *Delhi Public School*, Bhilai, CG.

Course : PCM+CS

gpa: 8.8/10

Experience

May 2018 - **Summer Internship - Annex** , <http://infiniumsolutions.com/home-2/>.

July 2018 Researched and Implemented Crowd Density Estimation using DeepLearning. Implemented 3 research papers, results MAE and MSE were not so optimized using CNN-based Cascaded Multi-task Learning of High-level Prior and Density Estimation for Crowd Counting. Using CSRNet: Dilated Convolutional Neural Networks for Understanding the Highly Congested Scenes, achieved optimized results. Implemented in Python using Tensorflow and Pytorch. Dataset used is ShanghaiTech.

2018- **Rural Internship**, *Hifeed, Uttrakhand, HP*, <http://hifeed.org/>.

December Exposure to the rural villages and solved their problems. Built a forum and communication website for self-help Woman's community for their easy communication and spreading awareness. Worked, survey and implemented solutions to the problems of vocational and educational training in rural areas.

May-2017– **OWASP Intern**, <https://www.owasp.org>, Security and Web Developer, Project:OWTF.

July-2017 Selected for Full-3-months internship. Worked under 2-mentors and in a team of 4. This project is under OWASP org and it is open source web pentesting framework named OWTF-Offensive web Testing framework. Worked in Open Web Testing Framework(OWTF). Implemented some network protocols, and vulnerability testing and reporting. Technologies used were Django for backend integrated with react. Learnt security integration with web technologies, protocols implementation, and Vulnerability testing.

Technical Experience

Experience With

Languages C, GO, Python, Javascript, HTML, CSS, JSON

Technologies Django, React.js, UI/UX, Matlab, Numpy, Pandas, scikit, Wireshark, Bash Scripting, Git, Linux, Windows, & Kali Linux, Web Application security, Machine Learning-Noob

Relevant Coursework

Udemy-Data-science

Computer Data Science course from udemy. Learned and implemented concepts of basic data mining science and web data crawling. Implemented visualisation libraries and assignments. Udmmy Data Science Certification.

React-Redux - Udemy

React/Redux React-Redux course from Udemy.Learned and Implemented a FullStack website-Burgerking.Learnt ES6 and Advanced UI/UX.

CLS-Ahmedabad <https://cyberlawsolution.com/>

Cyber Security Training Cyber Security hands on experience training and Certification.Learned various types of offensive and defensive strategies and technologies used.Applied in Virtual labs.Cyber Laws informations and rules.Cyber security certification.

Activities

2016–Present **College Basketball Team**, *DAI/ICT*, Gandhinagar, Gujarat.

Played many inter-college basketball matches.Participate in sports outstation each year.

2016–Present **Google-DSC**, *DAI/ICT*, Gandhinagar, Gujarat.

Google's Student Developer Community Club core member.Taken tech sessions on trending technologies and languages like python and JavaScript.

2016–Present **Open Source Contribution**, *online*, Github.

Developer and contributor in open source projects and including FOSSASIA,OWASP,OpenGenus etc.

Other Current Hobbies.

CTFs Wargames and Programming,Traveling, Road Trips, Basketball, Book and Book reviews on medium, Portrait Sketching.