

# TIKAM ALMA | RESUME

FullStack Developer | Security Developer

**Status:** B.tech, IT and ICT, DAICT Gandhinagar

**Fields:** Full-Stack Web Development, Security Development, Bug-Bounty Hunting, Machine Learning

**Prefers:** JS, Python, Node.js, React.js, Django, C/C++, Linux, Git,

**Activities:** OWASP Project Developer, Bughiest Site Engineer, Security+ML Research, Portrait Artist

Linkedin

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## Summary

Undergraduate student at DAICT-Gandhinagar, Bachelors Degree:ICT. Currently working on open-source projects of Open Web Application Security projects and frameworks.Machine Learning enthusiast,learning and implementing.Researching on topics of Cyber Security and machine learning to blend it.

## Experience

**Machine Learning-Engineer Internship** - <http://infiniumsolutions.com>

May 2018 - July 2018

- Implemented Crowd Estimation technology through Deep Learning Approach.
- Implemented and Experimented various research papers to get optimized result.
- Learnt and Implemented the project via CNN,FCNN,MCNN,CrowdNet and Frameworks:Tensorflow,Keras,Pytorch.

**Rural Internship** - <http://hifeed.org/>

December 2017

- 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.

**Security Developer Intern** - <https://www.owasp.org>

June 2017 - August2017

- Selected as and intern for open web application security- Offensive Web Testing Framework(OWTF-Project)
- Implemented SSH testing and network protocols.
- Framework vulnerability testing and Django UI/UX implementation

## Projects

**Network Security+ML** - <https://github.com/Tikam02/MLSec>

May 2018-Present

- ML based network and Packet Analyzer
- Technologoy used:Tensorflow+Pandas+Numpy+Scikit+Wireshark+Snort.
- Purpose:To learn network and packet analysis through machine learning

**Top Trends** - <https://github.com/Tikam02/Top-Trends>

Mar 2018-May 2018

- Top-Trends is Python+Django based Fullstack internet web crawler that crawls through site and updates trending stories and articles
- Technology:Python+Scipy+Scikit+Pandas+Numpy+Bootstrap
- Purpose:To implement a full stack rest framework with crawler.

**Wine Shop** - <https://github.com/Tikam02/Wine-Shop>

Jan 2018-Feb 2018

- Machine Learning based recommendation engine using K-means clustering algorithm.
- Tech Used:Python+Django+bootstrap.
- Purpose:Learning and implementation of basic ML algorithms.

## Education

- DAICT-Gandhinagar

2016-2020

- Undergraduate Student:ICT
- Developer student Community
- Activities:Basketball,Portrait Sketching,Books