

Saif Lakhani

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EDUCATION

International Institute of Information Technology (I²IT) – Bachelor of Engineering, Computer Science GPA 8.4 / 10

Relevant Coursework: Object Oriented Programming • Data Structures & Algorithms • Operating Systems • Computer Architecture & Organization • Network Security • Penetration Testing • Machine Learning & AI

EXPERIENCE

IoT Architect, QuicSolv Technologies

May 2018 - Present

Designed an ML based classification algorithm using RandomForests to fingerprint and locate a bin anywhere within an industry shop floor. Developed the embedded code, Kalman filters and the server side for report generation. Managing a team of 4 persons.

iBeacon Developer, QuicSolv Technologies

Dec 2017 - May 2018

Built an IoT gateway (NRF52 and ESP8266) and tag for malls, increasing top-line revenue for malls by 20%. Project is currently implemented in the R City Mall, Mumbai.

Android Developer Intern, QuicSolv Technologies

May 2015 - July 2015

Launched two apps to the Play Store : Elite Experience and Hotel Life (White Label Solutions) (Google Certified Android Developer)

ACTIVITIES AND AWARDS

Entrepreneurship and Technology delegate at the Harvard University HPAIR Conference, Boston 2019

Selected to attend the prestigious HPAIR conference at Harvard University to interact with 300 professors and students from around the world, with an objective to promote leadership and innovation in Asia and elsewhere, and to promote technical skills and welfare between nations.

Second Runner up at the TomTom India Hackathon : Augmented Reality solution 2018

Awarded second runner up against more than 2000 participants across India for presenting a solution to TomTom navigation for using an AR solution using our own custom built library that showed places of interest right on the camera, using the azimuth angle. Team of 3.

Winner at the e-Zest Microsoft Hackathon #HackathonPune

2017

Winner against more than 150 teams participating to provide a prototype for the best social network application built using Augmented Reality. Our project was awarded due to its uniqueness and business feasibility of implementation. Team of 2. Prize of USD 1400

Gold Prize : Sensor hackathon : Asian Institute of Technology, Thailand

2017

Team of 3, awarded for using sensors and creating a technological prototype for crop health monitoring using drone cameras within a timespan of 24 hours. The algorithm was shown images of healthy as well as unhealthy crops and used a classifier. Project PHIN.

First Prize at the PICT Social Hackathon & winner of 14 inter-collegiate coding events 2016

Awarded the best socially beneficial and viable prototype for providing a three fold solution for women's safety in India, creating a unique "shock" band that would activate in case of misconduct toward a victim.

SKILLS

- Python based classification and clustering algorithms (Machine Learning) used for a variety of location beacon analysis.
- Bluetooth Low Energy beacons and gateway (embedded systems) development
- Google Certified Android Developer with advanced java.
- Intermediate to advanced C++
- WiFi Penetration testing with Linux tools.