# Saif Lakhani

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## EDUCATION

International Institute of Information Technology (I²IT) — Bachelor of Engineering, Computer Science                                                        GPA 8.44 / 10

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

## EXPERIENCE

**Software Engineer and IoT Architect, QuicSolv Technologies**          May 2018 - Present

Designed and created the ISAE Framework which allows for Social Distancing detection and Contact Tracing using BLE Mesh. Also built an ML based classifier to locate the given tags in an environment. This system is being used by Mahindra Ltd. and Atlas Copco, for a total impact of 2000 employees.

**iBeacon Developer, QuicSolv Technologies**          Dec 2017 - May 2018

Built an IoT gateway (NRF52 and ESP8266) and tag for malls, for indoor navigation, and targeted advertisements, 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 Boston**          2019

Selected from among 3000 applicants 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 among 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**

Winner among 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 money USD 1400          2017

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

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 for this. Project PHIN.          2017

**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) • Data Analysis of high velocity data • Advanced Java • Google Certified Android Developer • Intermediate to advanced C++ • CI / CD • Docker • MongoDB and MySQL • Git • Web Backend with NodeJS •

• www.github.com/saiflakhani • Google Associate Certification • TomTom Hackathon • e Zest Hackathon • AIT