

Tejas Nikumbh

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PROFILE

I'm a Product person who likes to own the Product Development Lifecycle right from User Experience up until Deployment. My core development skills are in iOS Development.

EXPERIENCE

Entrepreneur in Residence, Entrepreneur First, London Mar 2016 - Jun 2016

Entrepreneur First is Europe's leading accelerator for Deep Tech Startups. I'm a member of the cohort EF6 which had an acceptance rate of less than 3%

Software Developer, Housing.com, Mumbai, India Jun 2015 - Mar 2016

- * I worked on integrating the Uber API into Housing's iOS app
- * I worked on the app facing layer of the Analytics SDK for the iOS app
- * I also worked on the User Interface for Trending Projects for the iOS app

Contract Developer, Stanford, Columbia & Caltech, Remote Jul 2013 - Sep 2013

- * I had to code the gameplay logic involving a Scoring Algorithm as well as some UI features for an Economics game.
- * I collaborated with a team of faculty and researchers from Stanford, Columbia, Caltech and Harvard as a part of this project

Product Development Lead, MIT AITI, Mumbai, India May 2012 - Jul 2012

- * I was a part of ~30-35 candidates selected from IIT Bombay to be a part of MIT's AITI program for Entrepreneurship.
- * I was the Tech Development Lead for my team wherein our goal was to build an on demand medicine delivery app

EDUCATION

Dual Degree in Electrical Engg (Bachelors + Masters) - IIT Bombay

ACHIEVEMENTS

Redefine 2.0 - Housing.com Hackathon 2015 - Winner 1st place for iOS App 'Joy'

Joy was an on demand donations app facilitating a smooth donation process for donors as well as NGO's. We won the company wide Hackathon for this app.

AngelHack Mumbai 2015 - API Prize from HP for Android App 'Vida Loca'

Built an 'Auto video tagging and search' application packaged as a Lifestyle App. Used HP's IDOL on demand API and won for it's best use at AngelHack Mumbai

RESEARCH PROJECTS

Design and Implementation of Efficient techniques for ALLSAT - Masters Thesis

[9.0 | 10.0] , IIT Bombay Jul 2014 - Jul 2015

Master's Thesis implementing novel techniques for ALLSAT using Minimal Blocking Clauses. ML Classification and Ensemble techniques to build highly accurate purpose driven SAT Classifiers with accuracies as high as >98%

Limited Precision Neural Nets, IIT Bombay Aug 2013 - Dec 2013

Analyzed change in accuracy of fully connected Neural Networks for classification of handwritten digits by varying Bit Precision. Observed a change of 4.16% [96.00% for 32 bits to 91.84% for 4 bits], suggestive of possible implementation in Embedded Systems

HOBBY PROJECTS

OSS Algorithms - Solutions to problems from the Website Hackerrank.com from Algorithms domain. This project enabled me to rank at 227 out of ~ 1,35,000 hackers. [As of January 2, 2015 on Hackerrank.com]

Story Writer - Story writer was a program that output paragraphs of english text that made more and more sense (as in a story) as the order of the model used was increased. The program used Markov Models and was written in c++

Cluster - One tap networking app for networking with individuals at networking events. It helps you exchange business information in one tap and also keeps a record of the context of your meetings with new people

Gear Alert - Gear alert was an app developed at Fishackathon London 2016 for reporting and location of fishing gear. It helped avoid gear - ship collision and gear recovery.

Mathblitz - Mathblitz aimed at making mental math fun. The App is based on an Adaptive Algorithm that increases the difficulty level of Mental Math as the game progresses. Equipped with Ad Revenue Integration

Trader Geek - Trader Geek was developed to mimic the Entry Level Interview Tests for Junior Trader positions at established Trading Firms. It received a humongous response at IIT Bombay

Dog Watch - Dog Watch was a 'ONE TAP' app to report sightings of Stray Dogs in your neighborhood and volunteer to be a caregiver. It used GPS to track your location and SMS to send the report. (Freelance)