

Utkarsh Shah

Full Stack and Mobile Software Developer.
Strong Entrepreneurial Background. Multiple iPhone apps Launched.

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EDUCATION

University of Pennsylvania — BSE Computer Science

Minor: Engineering Entrepreneurship

MAY 2016 School of Engineering and Applied Science

EXPERIENCE

Goldman Sachs, Trades Processing — Software Intern

SUMMER 2015 New York, NY

Designed, developed and launched an Order Management System (OMS) from the ground up, including UI details, system architecture, and REST API.

OMS upgraded users' workflow to provide critical status/state tracking for hundreds of trades/day

Hearsay Social — Software Intern

Social Business Platform for Financial Services Industry.

SUMMER 2014 San Francisco, CA www.hearsaysocial.com

Transitioned Hearsay's flagship iOS application to App Store ready. Designed and developed functionality that gave >50% of users the ability to access a major feature and expanded functionality of existing server REST API's and planned the structure of new APIs.

PROJECTS

RedCup — iPhone App Connecting Students to Fraternity Events

Provides locations, times, and ratings of late night events at UPenn. It allows students to find current or future events and rate them. The programming, design, and distribution was all in-house. Over 2,000 active users checked the app every weekend. Featured Articles: [CBS](#), [DP](#), and [PhillyMag](#).

PennApps Accelerator: 8-week Incubator, \$1000 prize.

Ultimate Frisbee Playbook — Team Management App

Allows coaches/players to use a mobile whiteboard on the field to view and create animated plays, handle rosters, keep score, and check rules. The programming, design, and distribution was all in-house. Check it out [here](#). Over 8,000 downloads and a 5 star rating.

EZ Parking — IOT Parking Garage Payment System

Designing and developing license plate recognition system to eliminate tickets and booths. Working on RESTful API for databases and connected hardware, payment system, and client user interface.

#Blockbuster or #Bust — Machine Learning Project

Predict whether an upcoming movie will be successful using sentiment analysis performed on relevant Tweets and support vector machines. Achieved 86% accuracy rate for success predictions.

SKILLS

Full Stack & iPhone
Development

Java, Python, C, Javascript

Matlab, SQL, NoSQL

RESTful Development

RELATED COURSEWORK

Algorithms

Machine Learning

Databases

Security Systems

Computer Architecture

Operating Systems

Linear Algebra

Probability

Entrepreneurship

Economics

Finance

EXTRACURRICULARS

Ultimate Frisbee (2009-14)

Robotics (2009-12)

Varsity Debate (2009-12)