












#KushAgrawal

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- 2015  **UC Berkeley**
Electrical Engineering & Computer Sciences
- 2014  **Product Engineering Intern**, Adobe
projectnuxe.com
- Lead developer and designer on a next generation iPad app for Adobe
 - Used Xcode & Objective-C to build an iOS app.
 - Built wireframes/lo-fi & hi-fi prototypes for the app using Sketch
 - Drove over 250,000 impressions, to a demo website, through Google ad-words & facebook to gather conversion metrics for the idea
 - Conducted 30 user interviews to get feedback on the app
 - Pitched to Adobe's VP to get internal support for the project
- 2014  **Founder**, Team X
teamx.in/
- Student based startup to connect engineering & design students with startups to do paid work
 - Recruiting students to form engineering/design teams & connecting them with relevant projects that they can add to their portfolios
- 2013  **iOS & Design Intern**, Autodesk
kushis.me/Autodesk.pdf
- Lead developer and designer on an iOS app for Autodesk
 - Used Xcode & Objective-C to build an iOS app.
 - Made an easy to update mobile backend using Parse
 - Built mock designs and prototypes using GIMP and other design tools like Flinto, Balsamiq
- 2011  **Co-Founder**, IHeartCode
goo.gl/Lr2RmP
- 2 person startup that was part of the Mozilla WebFwd '12
 - Received personal mentorship from industry leaders such as Pascal Finette
 - Pitched to investors at demo day at Mozilla HQ in Sept '12
 - Hosted one of Delhi's largest Hackathons in Summer '12
 - Attended Stanford BASES E-bootcamp as one of the 100 student entrepreneurs
-  **Notable CS Projects**
- Used the Google Places API, the Twitter REST API and set intersection theory to build a live event finding app for iOS. **(Objective-C)**
 - Used linear support vector machines to classify handwritten digits, and ran a k-fold cross validation algorithm on a MNIST dataset to find an optimal 'C' parameter**(MATLAB)**

-  **Notable CS Projects(Contd.)**
- Recruiting@Berkeley: Lead frontend engineer & designer**(HTML, CSS, JS)**
 - Built a spam prediction classifier **(MATLAB)**
 - Implemented and trained a multilayer neural network to classify handwritten digits**(MATLAB)**
 - Implemented Decision trees, Random forests and Boosted trees to build a spam classifier**(MATLAB)**
 - Wrote multiple search algorithms(DFS, BFS, A*), and state representations to help Pacman solve various food search related problems**(Python)**
 - Built an iOS app that pulls images from Flickr to apply various custom filters to them. Used async network calls, JSON parsing, Image filtering, custom views.**(Objective-C)**
 - Built an iOS application to post stories to a person's facebook timeline. Used Facebook iOS SDK, Xcode and Open Graph. **(Objective-C)**
-  **Relevant Coursework**
OSX/iOS dev, Machine Learning, DataScience, Artificial Intelligence, SaaS, Algorithms, UI Design & Development, Data structures, SICP, Computer Architecture, Discrete math & probability theory
-  **Languages and other tools**
HTML, CSS, Objective-C, Sketch, Python, XCode, Java, C, GIMP, Xcode, Eclipse, Photoshop, Balsamiq, Storyboarding, Git, Prezi, Unix, Twitter Bootstrap, Parse, MATLAB, R, MapReduce (Amazon EC2), LIBLINEAR
-  **Interests**
Soccer, Swimming, Music, The outdoors, Vimeo HD, Health & Fitness, Hanging out with friends, Entrepreneurship, Cricket
-  **References**
Zeke Koch(Adobe), Pascal Finette(Mozilla), Julia McFarland(Autodesk), Manas Mittal(UC Berkeley, Apple)