Deep Patel

Software Developer, Technical Solutions Architect, Android Development, iOS Developer
Greater New York Area

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Education

NJIT – Ying Wu College of Computing   **2013 – 2018**
- Bachelor of Arts in Computer Sciences

Professional Experience

Capstone project, Entrepreneur team leader, RadiAI   **September 2017 – December 2017**
- Led a team of engineers to build and present a production website for the healthcare industry at a showcase with a panel of judges including the Director of cybersecurity of NJ
- Worked closely with the engineers and the customers during the product development cycle using the Agile methodology to develop the software
- Led the team to win 2nd place during the midterm presentation competition

Software Developer & Research Assistant, NJIT Human Computer Interactions lab, Newark, NJ   **October 2015 – September 2017**
- Aided Graduate and PHD students in conducting research for papers, by writing code in Java, Javascript, and Swift to make mobile apps.
  - Study topics included Group Coalescing, Group Recommendation Systems, online Dating Systems, and Social Matching
  - Worked closely with PHD students and the advising professor to accomplish software development goals using Agile
  - Built Coo-e coordinator, a messaging app that helps groups of people make plans and decide on a time and place to do an activity.
    - Built and maintained the Android version of Coo-e for all three iterations of the app.
  - TellUsWho study
    - Built a notification system used to bring users back into an Android app.

Lead Android Developer, Swerv Technologies LLC, New Brunswick, NJ   **April 2016 – June 2016**
- Worked closely with the CTO to build and design a social networking application for video streaming
  - Designed and architected data models, backend stack (Mostly NodeJS)
  - Built the Android UI
- Used Agile development method to develop projects with sprints for project management

Social Media Specialist, Spencer Gifts, Egg Harbor Township, NJ   **May 2015 – August 2015**
- Managed social media accounts with several million followers
  - Provided customer support with inquiries about products, comments about the brand and even complaints and backlash.
  - Continued online presence of the business on all social media accounts to retain followers and influence

Projects & Apps

EchoChat (iOS and Android app)   **January 2018**
- App used to send disappearing voice messages to friends

Hello-API tutorial (https://deeperthanyou.github.io/hello-api/)   **April 2017**
- Tutorial project to teach students at the Association for Computing Machinery (ACM) how to build a simple REST API

Raydeo (Radio Station Finder) (Android app)   **July 2016**
- Retrieves a list of 16,842 radio stations from the server and displays them on a gorgeous and simple UI with filter options

Wumpus World (Android app) (https://github.com/deeperthanyou/Wumpus-World-Android)   **May 2016**
- Class project for Intro to Artificial Intelligence, worked with a team to make an Android application
  - Received 300+ downloads in a month

Programming language   **February 2015**
- Built a programming language that evaluates BNF grammars in C++
  - Included a Lexical analyzer, Parser, Semantical analyzer, and a Recursive Descent Parser

MATLAB Code   **November 2013**
- Built a program that took any sentence in English as an input and then converted the input to Morse code

Programming Languages & Skills

React Native (1 year)
Android Development (5 years)
NodeJS (4 years)
AWS (4 years)
- Elastic Compute Cloud, Route 53, RDS

Programming Languages
- Java (5 years)
- Javascript (5 years)
- C++ (2 year)
- HTML & CSS (3 year)
- MYSQL (2 year)
- Python (2 years)
- Swift (1 year)