# 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)