
EDUCATIONAL QUALIFICATIONS

University of Florida, Gainesville

2016 – May 2018

- **M.S. in Computer and Information Science. GPA: 3.34**
- Graduate Coursework: Analysis of Algorithms; Advance Data Structures; Machine Intelligence, Computer Networks, DBMS, Programming Language Principles.

University of Mumbai, India

2012 - 2016

- B.S.E. in Information Technology from University of Mumbai. **In-major GPA: 3.75.**

LANGUAGES AND TECHNOLOGIES

- **Programming Languages:** Java, JavaScript (ES2017), Python, MATLAB, Ruby, C++.
- **Machine Learning:** MATLAB, Python.
- **Web Technologies:** HTML5, CSS3, Flask (Python), Node.JS (8.0), Ruby on Rails, Koa.Js, **Vue.JS, Angular.JS, React, Redux.**
- **Distributed Computing/Dev-Ops:** Rabbit MQ, Celery, Nginx.
- **Databases:** MySQL, PostgreSQL, Oracle DB, Mongo DB, SQLite.
- **Software Tools:** Git, Eclipse, IntelliJ, Visual Studio, Sublime, JUnit.

EXPERIENCE

Software Developer, Intern & Co-op

CareDox Inc, NYC

May 2017 – Present

- Developing a Real Time Dash Board, that provides Insights regarding the performance of the company.
- Integrated the main product of the company with a Customer Success Management tool there by overhauling the CSM team performance.

Tech Stack: Ruby on Rails, Node (8.0), Koa, MySQL, React, Redux, Amazon Kinesis (AWS KAFKA).

Full Stack Web Developer

Research Computing - University of Florida

Oct 2016 – May 2017

- Responsible for development of the full stack web application for the new compute server called as **HyperGator 2.0**. The application will be an intermediate layer between the researchers and the server to schedule jobs and automate various system administration tasks.

Tech Stack: Vue.Js, Restify.Js, Node.JS, Sequelize(ORM), RabbitMQ, Celery, Mongo DB MySQL, SLURM.

Software Engineer, Intern

Crimson Interactive P.v.t Ltd.

Dec 2014 – Feb 2015

- Developed REST 'full modules for Authentication using Google O-Auth in Flask (python) which resolved login issues in the code base.

Tech Stack: Python, Flask, OAuth 2.0

PROJECTS ([HTTPS://WWW.GITHUB.COM/DEVYASH](https://www.github.com/devyash))

- **Policy Maker.io – March 2017 || Vue.JS, Node.JS, Oracle DB, JavaScript.**
A Management Information System to help policy makers visualize data based on complex relations among the variables.
- **Bit Torrent Clone – February 2017 || Java, Multithreaded Programming.**
Developing a P2P File sharing system using Multi-threaded programming and network programming in java, this simulates a replica of P2P Bit torrent protocol.
- **Do not lose hope- January 2017 || Python, Flask, Java Script, Linux Clarifai, Imgur, Twilio, Linode server**
Developed and deployed a full web REST'full web application single handedly in 36 hours that helps to people to find their lost loved ones by training a Neural network and informs one on finding a match.
- **Speak. Do - July 2015 || Wit.AI, Swift, Python and Flask, NLP (Won Prize HackIndia Hackathon-2015)**
This project is an iPhone application which uses NLP to convert user's voice messages to textual points, recognizes commands (The commands such as set a timer for x mins etc.), and sends them over the internet using web socket.
- **Popular Hash Tags – October 2016 || JAVA**
System to find n most popular hash tags on social media (Facebook and Twitter) using Fibonacci heap.
- **Intelligent Public Grievance System - 2016 || HTML, CSS, Flask, SQL Alchemy, Bootstrap, Google Maps API**
Developed a Full Stack Application, where users click and upload photos, and post complain all using drop downs and pin drops, which is later analyzed, and the local government employees are given insights.
- **Audio noise cancellation using LMS adaptive filter–Sep 2016 || MATLAB, Python**
Designed and evaluated FIR adaptive filter aimed at cleaning a noisy input audio signal using normalized LMS algorithm. Achieved 72% improvement in SNR by tuning the filter to the desired hyper-parameters.
- **Neural Network for Hand-written Data– Nov 2016 || MATLAB, Python, Tensor Flow**
Designed and Implemented an artificial Neural Network with an accuracy of 95% for recognizing handwritten images.
- **Developed a Facial Biometric Classifier using PCA and K means Algorithm – Oct 2016 || MATLAB, Python**
Implemented a facial Biometric classifier that was utilized to reduce the sample search space and improve the accuracy of prediction.

ONLINE COURSES

Udacity Full Stack Nano Degree – June 2015

Machine Learning by Andrew Ng – September 2016

RESEARCH PAPERS

- Intelligent Online Public Grievance Redressal System || IJSRD Conf NCTAA 2016 Paper ID: NCTAAP078

ADDITIONAL EXPERIENCE AND AWARDS

- **Achievement Award**- University of Florida (4500\$), given to students with exceptional performance in undergraduate.
- Scored in the top 1% in the whole state. Eligible for the full scholarship for Undergraduate in BSc from the Government of India for pure sciences.
- Well known host (**com-père**) for various organization in undergraduate throughout the college. (2013-2015)
- Successfully organized TCET MUN 2014 as **Public Relations Marketing head & Website Developer (www.tcetmun.in)** with 100 thousand INR sponsorships.
- Worked as a **volunteer** in a Non-Profit Organization- '**Unnatti**' for underprivileged children- 2014-2015.
- Won 6 honorable mentions & 3 Special mentions in Model United Nation Conferences across India- 2013-2015, Chairperson at RBK MUN 2015 in Disarmament and International Security Committee (**DISEC**) committee.
- Organized Workshops as the **Student Head/ Research Student of Research and Development Cell**– TCET in the year 2013-2014.