

Nancy Pitta

Software Developer

Software engineer with 1.5+ years experience in building and maintaining responsive websites, developing iOS apps in Swift. Passionate about computer vision and looking for opportunities in Computer Vision.

<https://github.com/Haruhi1997>

EXPERIENCE

Product Development Engineer, Mahindra Comviva

Sep2018–Present

- CDR formatting via Perl scripts. Graph plotting and report generation with interactive views and drill downs for network traffic and SMS firewall statistics via nodeJS framework.
- Security vulnerability fixing in internal product. Maintaining the GUI of internal web app, implemented in struts framework and update UI as per the business requirements.
- Ansible scripting for altering configuration in remote hosts via playbooks. Generated system config UI for comparing system current state with the fine tuned performance via Python.

INTERNSHIPS

iOS App Developer Intern, Kivi Technologies

Jan 18 - July 18

- Developed KiviHealth iOS app, written in Swift, for patients to maintain health records, book appointments with doctors and maintain appointment history. Integrated Apple HealthKit and added social login into app. Added handwriting recognition and speech to text conversion features. Released on App store.
- Developed KiviDocTab, iPad app, written in Swift, for doctors to manage appointments and multiple clinics.

PROJECTS

Hand written digit recogniser

Built digit recognizer trained on MNIST dataset to predict handwritten digit

Object recognition and image captioning:

Built caption predictor by using pre-trained Xception model via Transfer learning for extracting image features and LSTM for predicting caption. Used Flickr-8k dataset for training and testing.

Edge Detection:

Built edge detector for an image via pre-trained Mask-RCNN model via Transfer learning. Used random images for testing.

Play School Management System (Academic)

Jan-Apr 17

Developed a website for play school management Automated timetable scheduler, child emergency handler and automatic notification system was developed. Enhanced interaction between parents and teachers by implementing rating and feedback system in the website. Managed operations like tracking attendance, schedule, progress, individual preferences with this system

Online Ticket Reservation System(Academic)

Nov 2016

Designed a database management system in PG-SQL by collecting data from various online platforms. Implemented relational database and executed stored procedures to perform operations like offering discounts to regular customers .

EDUCATION

B.Tech ICT-Dhirubhai Ambani Institute	GPA: 6.28	2014- 18
Featured coursework: <i>Probability and Statistics, Software Engineering, Data structures, DBMS, Systems software, Intro to Algorithms, Graph theory, Human Computer Interaction.</i>		
12th grade PCM-Chaitanya Educational Institutions	Score:96.5%	2012-14
10th grade - KKR Gowtham International School	Score: 97%	2011-12

SKILLS

Deep learning, front end web development, iOS app development, Ansible scripting

Languages: Python, Java, Swift, Perl, YAML, JSP, HTML, CSS, JS, Objective-C, XML, Bootstrap.

Technologies: OpenCV, Keras, NodeJS, Struts, Spring,MySQL,Oracle, Hibernate, Ansible.

CERTIFICATIONS

Applied ML in Python [Certificate Link](#)

Intro to Data Science in Python [Certificate Link](#)

EXTRA CURRICULAR ACTIVITIES

Attended WIDS(Women In Data Science) conference in IIT Delhi, Jul 2018.

Received gold medal in NSO(National Science Olympiad) in zonal level, 2008.

Participated as mentor in 1 million Women to Tech, which encourages women to enter Data science and provides online support and coaching in July 2018.