

Vyas R Cholayil

US Permanent Resident

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EDUCATION

2014-2018	KERALA UNIVERSITY, TKM COLLEGE OF ENGINEERING <i>Bachelor of Technology in Computer Science and Engineering</i> GPA: 7.36/10	Kerala, India
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EXPERIENCE

Feb – Aug 2019	DATAWEAVE SOFTWARE PVT. LTD <i>Python Developer Intern</i> <ul style="list-style-type: none">Developed Python scripts to fetch the data from the websites where direct extraction is not possible.Performed optimization resulting in the extraction of a greater number of data points from sources.Developed scripts to increase the efficiency of product matching across various competitors.Used Regex, Xpath and Jpath to crawl a large amount of data from websites and mobile apps	Bangalore, India
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PROJECTS

Jan – April 2018	NEW-BORN BABY FACE RECOGNITION <ul style="list-style-type: none">Trained a Siamese neural network to employ a unique structure to naturally rank similarity between inputs.Implemented a convolutional architecture and combined it with One-Shot Learning to achieve strong results of biometric recognition of new-born babies using Python Language.Tested the network with a single example of each possible class before making a prediction about a test instance and got an accuracy of 76%.	Kerala, India
Jan – Mar 2017	EXPENSE TRACKER ANDROID APP <ul style="list-style-type: none">Developed a small android application to keep track of our expenses using Java language.Implemented user authentication using Shared Preferences and used SQLite for database access.Successfully published the android app in the Google Play store.	Kerala, India

SKILLS

- Languages** - C, C++, Java, Python
- Databases** - MySQL, SQLite, JSON
- Machine Learning Libraries** - OpenCV, Numpy, Keras, TensorFlow, Scikit-learn, Scipy, Matplotlib, Pandas
- Technologies** - Basic knowledge in Android Development, Adobe After Effects, Autodesk Maya, Unity 3D.
- Others** - Git, BitBucket, Github, PyCharm, SublimeText, Netbeans, Eclipse

CERTIFICATIONS

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|---|------------------|
| • Convolutional Neural Networks (Coursera). | June 2019 |
| • Neural Networks and Deep Learning (Coursera). | June 2019 |
| • Python3 (Udemy). | July 2018 |
| • Unity 3D (Udemy). | April – May 2018 |
| • Autodesk Maya (Udemy). | July – Aug 2017 |
| • Adobe After Effects (Udemy). | May 2017 |

ACHIEVEMENTS AND INTERESTS

- Student Volunteer for Video Game Competitions during College Fest. Aug 2015
- Actively participated in workshops (Deep Learning, VFX) and competitions (IoT Challenge, C-debugging).