KEVIN FRANCIS JOSE

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Inquisitive and highly motivated computer science professional with strong foundation in mathematics, statistics and programming logic seeking a career in a renowned firm.

TECHNICAL SKILLS

PROGRAMMING LANGUAGES

- C | C++ ●●●●○
- Python ●●●●○
- Rust ●●●○○
- Java ●●●○○

TECHNOLOGIES

MATLAB, PyTorch, OpenGL, OpenCV, Cmake, Git, TensorFlow
Apache Spark, Hadoop Map-Reduce, Unity Engine, Linux

SOFT SKILLS

(Problem Solving) (Self-Motivated)
(Teamwork) (Communication)

PROGRAMMING LANGUAGES (FAMILIAR)

HTML | CSS , Lua, Assembly, C#, Scala, LaTeX

INTERESTS

Computer Graphics, Video Games, Deep Learning, Computer Vision, Functional Programming.

COURSEWORK

GRADUATE

Neural Networks, Computer Vision, Advance Computer Systems (Distributed File Systems), Advanced Algorithm and Models, Machine Learning, Artificial Intelligence.

UNDER-GRADUATE

Computer Graphics, Image Processing, Data Mining.

ONLINE

Convolutional neural networks, Improving Deep Neural Networks, Mathematics of Machine learning.

LINKS

- Linkedin - www.linkedin.com
- Github - www.github.com
- Website - www.MySite.com

EDUCATION

University of Texas at Arlington   2017--2019
Master of Science in Computer Science, GPA - 3.83 / 4.00

National Institute Of Technology, Calicut   2012--2016
Bachelor of Technology in Computer Science and Engineering,

COURSE PROJECTS

DEPTH ESTIMATION ON CAMERA IMAGES USING DEEP LEARNING 2019

- Implemented an auto-encoder neural network architecture in PyTorch for estimating Depth from RGB Images.
- Used Data Augmentation to increase train set size in-order to prevent overfitting.
- Utilized transfer learning.

RANKING PAPER IN HIGHER ENERGY PHYSICS USING PAGE RANK 2018

- Implemented Google's Page rank algorithm in Apache Spark (Scala) in-order to rank papers in high energy physics.
- Performed data prepossessing and organized the data.
- Utilized a Cluster consisting of 3 nodes.

MOBILE LOCATION ALARM FOR ANDROID   2015--2016

- Team Project. Developed a location-based alarm for android prioritizing ease of use and battery efficiency.
- Wrote 'Junit test cases' to perform unit testing.
- Designed and Implemented the UI Interface

PERSONAL PROJECTS

SIMPLE 3D RENDERING ENGINE (IN PROGRESS)   2018-
Written in C++ using OpenGL, With the intend of helping me and other learn fundamentals of Computational Geometry.

XeLaTeX---Resume   2019
Create a Resume template in LaTeX and made it publicly available.

VOLUNTEER EXPERIENCE

RAGAM 16   2015--2016

- Senior Manager for Design Team, played an key role in organizing the largest College Fest in South India.
- Planned and designed many of the marketing material, guided junior volunteers, checked if their work was up-to standard and was In-charge of creating the main promo video.
- Additional acted as a judge for the gaming event.