KEKAYAN NANTHAKUMAR

Aspirant Software Engineer

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🌐 kekayan.github.io   Ⓜ @kekayan   ⓐ kekayan   in kekayan

TOP PROJECTS

Auto Tagging Stack Overflow Questions
Academic - Individual

📅 December 2019 - February 2020

- Final year research for the partial fulfillment of B.Sc. (Hons.) in Software Engineering degree program. Application Research related to multi-label multi-class classification.
- Technologies: Python | Keras | Neural Network | Transformers | TF-IDF

Anomaly Detection
Under Pearson Lanka - Individual

📅 September 2018 – June 2018

- Prototyped an AWS based solution to detect anomalies from ELB logs dumped in S3 bucket.
- Technologies: AWS Kinesis | AWS Lambda | AWS Firehose | AWS Elasticsearch | AWS SNS | Kibana

Gesture Analysis
Under Pearson Lanka - Team

📅 September 2019 – November 2019

- Research based project related to Deep Learning, specializing in Image Processing. Implementation includes a REST API to predict gesture from a video.
- Technologies: MXNet | KNN | Django + Django REST framework | Ansible

Image Tagger
Under Pearson Lanka - Individual

📅 June 2019 – July 2019

- Research based project related to Deep Learning, specializing in Image Processing. Implementation includes a REST API to predict classes from an image.
- Technologies: Python | Tensorflow | Keras | Django + Django REST framework | Ansible

TECHNICAL SKILLS

- **Languages** : Java, Python, JavaScript
- **Frameworks** : Spring Boot, Flask, Django, ReactJs, VueJs
- **Databases** : MySQL, SqlServer, Mongodb
- **Deep Learning** : Vision & NLP, Tensorflow, Keras
- **Cloud** : AWS, Kubernetes, Docker
- **Operating Systems** : Linux, Windows
- **Network & Deployment** : Guicorn, Tomcat, Nginx, Ansible
- **Tools** : Git (BitBucket & Github), Colab, Postman, JMeter

WORK EXPERIENCE

Trainee Software Research Engineer
Applied Research & Development, Pearson Lanka (Pvt.) Ltd.

📅 Sept 2018 – Sept 2019   📍 Colombo 09, Sri Lanka

- Experienced the best industry exposure on collaborative development, system thinking & design. Worked on Machine Learning R&D Projects, Java & AWS based POC Developments.
- Technologies : Spring Boot | Django | Flask | Keras | Vue.js | Git | Ansible | Trello.

School Leaver
Bank of Ceylon

📅 Jan 2015 – Jan 2016   📍 Chavakachcheri, Sri Lanka

Experienced the best working culture and carried out various IT & Customer related tasks in the bank.

EDUCATION

B.Sc. (Hons.) in Software Engneering
University of Kelaniya

📅 2016 - 2020   📍 Kelaniya, Sri Lanka

- Major: Data Science and Engineering | Net Centric Applications
- **CGPA - 3.87/4.00**

Physical Science (2014 A/L)
Hindu College, Chavakachcheri

📅 2005 - 2014   📍 Chavakachcheri, Sri Lanka

- Subjects: Mathematics A | Chemistry A | Physics B
- **Z-Score - 1.8472**

SOFT SKILLS

Quick Learner   Problem Solving skills

Leadership Skills   Strong team Player

Good Communication Skills

Time Management

ACHIEVEMENT

4th Place (out of 106 teams)
Data Storm Datathon 2020

📅 February 2020

Datathon organized by Octave (JKH Centre of Excellence for Big Data Analytics) & University of Moratuwa, based on practical scenario

2nd Runner Up (out of 250 contestants)
Codezilla hackathon 2018 - Individual

📅 June 2018

Hackathon organized by Mozilla Club of Uwa Wellassa University, targeting problem solving skills in real world scenarios.

1st Runner Up (out of 11 finalist teams)
HackaDev - Matara'17 (National Youth Software Competition)

📅 September 2017

Hackathon organized by UNDP-Sri Lanka, as a three league competition, targeting youth innovations in Sri Lanka.

1st Runners Up (out of 10 finalist teams)
Yarl Geek Challenge'17

📅 November 2017

Hackathon organized by Yarl IT Hub, Jaffna, targeting youth innovations in Sri Lanka.

Semi-Finalist
HackaDev - Jaffna'17 (UOJ Hack 2017)

📅 October 2017

Hackathon organized by UNDP-Sri Lanka and University of Jaffna, as a three league competition, targeting youth innovations in Sri Lanka.

Semi-Finalist
iHack 3.0

📅 October 2017

Hackathon organized by University of Colombo School of Computing, targeting youth innovations in Sri Lanka.

Winner - Best Photographer
Ahasi Art Festival'16

📅 October 2016

Photography competition organized by the Arts Society of University of Kelaniya, as a part of the annual art festival.

SOCIETIES & CLUBS

Member
Software Engineering Students' Association

📅 June 2017 – March 2020

Student Association of B.Sc. (Hons.) in Software Engineering undergraduates.

LANGUAGES

English ●●●●○
Tamil ●●●●●
Sinhala ●●○○○

REFEREES

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