Khairul **Anuar**

System Engineer · Programmer

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'If your dream can be accomplished in your lifetime, you're not dreaming big enough'"

Summary

System Engineer and Software Engineer in Fujitsu Network Solutions Ltd.. 2+ years experience specializing in machine learning,progrraming, backend/infrastructure ,web development,Software Defined Networking and L3-L1 networking. Super nerd who loves Vim, Linux and Open Source and loves to try new programming language.Enjoys self especially when creating and learning a better problem-solving with critical thinking for challenging tasks, and learning new technologies along the way.

Work Experience

Fujitsu Network Solutions Ltd.   *Yokohama,Kanagawa,Japan*

System Engineer & Software Engineer   *Apr. 2017 - PRESENT*

- Developer for DLIST Manager by Utilizing A10 Networks Thunder Series RESTfull API with Azure Serverless Function App to control domain list.
- System Administrator for Fujitsu Network Solutions Cloud 2 deployed using VMWARE Esxi 5.5
- Main team to control any new release for A10 Thunder Series and managing all main process to sell A10 Networks Thunder Series as Fujitsu Network Solutions is partner wih A10 Networks(from Design to Operration)
- Responsible for design,plan,develop for A10 Automation Program for testing A10 Networks Thunder Series using RESTful API with Python
- Responsible in design, construct and maintenance for FNETS's A10 Networks Lab
- Act as a Developer and support role for A10 Networks Thunder Series aFlex script
- Developing a FAQ website for Field Engineer and using DevOps technology to automate the build and deploy

Alka Corp   *Kuala Lumpur, Malaysia*

Founder & Developer   *June. 2017 - Dec. 2017*

- Developing webiste for Restaurant reservation project with MEAN stack
- Designing the developing the image for Alka Corp

Nikon Corp. & Keio University   *Tokyo, Japan*

Research Assistant & Programmer & Graduate Student   *May. 2014 - Feb. 2017*

- Managing 3D model dataset that will be used to train image detector
- Creating application to automate the generation of 3D models human with Blender by using Python
- Testing and develop machine learning algorithms for image detection technology that will be used in the next version of NIKON camera
- Testing algorithms in MATLAB with integration with C++ to implement the detector inside the hardware processing unit

Education

Keio University   *Yokohama, Japan*

M.Eng. and B.E in Electrical and Electronics Engineering   *Aug. 2013 - Mar 2017*

- Special Negative Dataset Application in Detector for Complex Pose Detection
- -Machine Learning research based on image detection dataset
- -Blender Based 3D model generated to use for training detector for image detector
- -Research on how to improve the usage of 3d visual type datasets and observe how it is affect the rate of detection

University Industry Selangor   *Selangor, Malaysia*

Dip. in Electrical and Electronics Engineering   *June. 2010 - Mar 2013*

- Best Electrical and Electronics Student 2013 Awards

Extracurricular Activity

Japan Students Malaysian Club   *Tokyo, Japan*

Head of Communication at 2015& Secretary at 2016   *Dec. 2013 - Mac. 2017*

- Supporting Malaysian students in Japan by doing various activities such as Sport Day, Independece Day, Eid Event etc.
- Act as representative for Malaysian students by to speak with Malaysian Goverment to improve the life and wellfare of Malaysian students
- Managing AMIR Photography Club and managing Photography event and guide for Malaysian Students in Japan
- Conducting various event to support life and wellfare for Malaysian students in Japan in Japan

Skills

My skills that I developed when I was student till now

- Writing about technical guide and promoting Open-source to Malaysian and World in Linkedin and Facebook
- Good experience in Networking(CCNA certificate) and UNIX enviroment(LPIC-1 certificate)
- Have experiences in using various programming language such as LaTeX, C++, MATLAB ,C ,Java, Python, JavaScript etc
- Can converse,write/read in 3 languages which is Malay, Japanese, and English
- Build my own website `https://www.anuarariff.net` using Amazon Web Services (Route 53 , S3, Cloudfront and EC2)
- Creating DevOps pipeline for my own website, that will automatically build and compile when there is any commit using Amazon Web Services PaaS (Codebuild,CodePipeline,CodeCommit,SNS)