



OBJECTIVE

Apply Machine Learning Engineer

PROFESSIONAL EXPERIENCE

- HBOT Co., Ltd.** Sep 2018 – March 2019
Machine Learning specialist & Software Engineer(Backend/Frontend/DevOps)
- Design and implement intelligent system powered by neural network not only RNN, but also CNN
 - Analyze data and recommend decision based on given fact
 - Train and test classifiers
 - Maintain and secure gitlab server, implement secure chat server, implement bot
- MagicBoxAsia Co., Ltd** Nov 2017 – Aug 2018
Senior Software Engineer(Backend/Frontend/System/Business Analyst)
- Design, Programming, and Implementing the system
 - Backend: Python/Django
 - Frontend: Javascript ES6/ReactJS
 - System: Docker, GitLab CI/CD, syslog on cloud, crash analytic, and performance monitoring
- CODIUM Co., Ltd and CloudHM Co., Ltd** April 2016 – Oct 2017
Senior Software Engineer&Senior System Engineer
- Design, Programming, and Implementing the system
 - Customer support
 - On-site infra-technical support
- 4All Solution Inc** June 2015 – April 2016
Android & iOS Programmer/System Engineer/DBA
- iOS, Android, Nodejs, PL/pgSQL, TDD, LaTeX, Scientific Drawing, and do exam problems&solutions
 - Create webserver APIs backend by Javascript with various framework, and do unit testing
 - Install, Implement GNU/Linux Debian and PostgreSQL
- Dalian CHENGSI Technology (Thailand) Co., Ltd.** November 2011 – April 2015
Project Leader/Consultant/UI Designer
- Digest customer requirements and prepare spec to Chinese software engineer
 - Support Manufacturing and purchasing module. IFS7.5 JATCO (Nissan part supplier)
 - Support Manufacturing and Finance. IFS2004 Calsonic Kansei (Nissan part supplier)
- Faculty of Information and Communication Technology (ICT)** July 2010 – July 2011
Researcher and System Administrator (Linux Cluster)
- Maintain resource of cluster for 400 users per semester
 - Routine check on the devices
 - Conduct a research in parallel computing
- National Institute of Methodology Thailand (NIMT)** September 2009 – June 2010
Metrologist at Mechanical lab, Sound Level Meter
- Maintain laboratory condition to meet the ISO standard for example: temperature, humidity
 - Maintain customer device condition ex: temperature
 - Perform a test check base on ISO standard
- System Engineer (Department of Physics, Faculty of Science, Mahidol University)** 2009 - 2011
- Monitor suspicious activity not only from insiders, but also intruders
 - Design and Implement Apache2, PHP,MySQL, Remote desktop
 - Email server, FTP server

EDUCATION

- Mahidol University**, Faculty of Information and Communication Technology April 2011
Master of Science in Computer Science
- Master thesis: 2D lattice simulation of stock market
The objectives were to study the behavior of stock market and then we will extract the information by using another algorithm for example Dynamic Time Wrapping to gain the information from it.
 - Received a working scholarship as a researcher and Linux Cluster System Engineer

- Senior Project: Fractal antenna
The objectives were to study and develop the effectiveness of antenna for example impedance, radiation pattern, size and iteration times.
- Received a working scholarship form National Institute of Metrology Thailand (NIMT)

Bangkok Christian College, Mathematics and Science
Grade 1 – 12

2004

- GPA ~3.00
- President of Military Band BCC Music Club and clarinetist

TRAINING & CERTIFICATIONS

Royal Thai Police, Internship at Forensic Department

April – May 2007

- Physics, Chemistry, and Biology
 - Fired evidence : Investigate root cause of fire
 - Photo complexes : 3D model compare with photo evidence
- Firearms and ammunition
 - Record gun barrel
 - Record firing pin

INTERESTING

- Machine Learning, Cryptography, Search Engine

FRAMEWORKS, TOOLS AND PRODUCTION ENVIRONMENTS(BRIEF)

Python			Testing	ES6			Testing
Django	DjangoREST	Flask	Pytest/Unittest	Reactjs	React-Redux	React-Saga	Jest
IDEs	CVS	CI/CD	Hosting	OS	Storage	Webserver	HTTPS
PyCharm	Github	Gitlab-CI	DigitalOcean	Debian >10yr	AWS: RDS, S3&CloudFront	Nginx, Caddy	Let's encrypted
WebStrom	Gitlab	BuddyWork	AWS: EC2, ECR	Docker	Minio		
Log	Crash Analytic	Performance Monitoring	Push Notification	Machine Learning	Chatbot		
papertrail	Sentry	Opbeat, any	Firebase/Pubnub	PyTorch	RASA NLU+Core		

FUNCTIONAL PROGRAMMING/DESIGN PATTERNS

- Easy to do unit testing and maintenance.
- Hand on experience :
 - Singleton : For passing variable between android activity
 - MVC : Common practice
 - Factory : Easily mock the object from it

STRENGTHS

- Long concentration
- Good communication
- Good oral, written & presentation skills
- Good team player
- Driving License
- TOEIC 720: Listening 355/Reading 365, Oct 24th 2014.

PERSONAL INFORMATION

- Date of Birth : 4th July 1985
- Sex & Status : Male & Single
- Hobby: Gym, Swimming
- Nationality : Thai
- Languages Known : Thai, English
- <https://www.linkedin.com/in/sarit-ritwirune-249b8a136/>
- <https://github.com/elcolie>

Sarit Ritiwirune

April 2019