Antonio Yang

An interdisciplinary person not only loves new technologies but also has self-learning personality.

Antonio Yang
yanganto@gmail.com
www.ant-lab.tw
(0987) 026-316

Skills

Python Based Web Service
- 4+ years web service, including Django, Flask, Nameko

Frontend Experienced
- act as full stack engineer in many projects

Python Based AI/Data Engineer
- experience with network behavior modeling

Modern Web Development
- good knowledge in implement with RESTful API, JWT, Swagger

Speed & Reactive Working Model
- confortable with Agile cluture, CI/CD development flow

GNU/Linux & Opensource Solution
- long term using linux/opensource solution in life and work

Public Cloud Solution
- experience with AWS and GCP

Experience

Mar 2018 - present, Engineer of Bigtera
- S3 storage class (tier, migrate, proxy with customized CEPH Radosgw),
- S3 notification (in house SQS, SNS with Sanic backend),
- web console (Flask backend, Webpy backend, Vue frontend)

Jul 2017 - Mar 2018, Engineer of TrendMicro Consumer
- network behavior modeling (Scikit learn, Numpy),
- network traffic sampling (C program on ARM platform)

Apr 2016 - Jul 2017, Engineer of TrendMicro BA
- PhishInsight (phishing awareness simulation SaaS service, Django, nameko),
- API Management (internal service, AWS Lambda, APIGateway),
- TIP (internal threat case integration platform, React)

Sep 2015 - Apr 2016, Contract Developer of TrendMicro BA
- PhishInsight (external phish mail SaaS service, Django, nameko),
- TSE Workspace (internal tech support portal, Angular, .Net MVC)

Mar 2015 - Sep 2015, Software engineer of TSM
- webbased access control system
- websocket notification
- low level machine comunication

Sep 2013 - Dec 2014, Patent specialist of Rich IP. Co
- Reporting the examiners' opinions
- preparing responses to governments
- technical article translation

Antonio Yang
yanganto@gmail.com
www.ant-lab.tw
(0987) 026-316

Education

2019 Mar CISSP Training Completion
CBK Training Seminar in Taiwan

2017 Jul Machine Learning in Coursera
Andrew Ng, Stanford University with 98.00% grade

2016 ARM-based Development in IT Training
Linux system development, driver, bootloader (Cortex-A)

2009 - 2013 Chemistry MS in National Taiwan University
under Prof. Richard P. Cheng (RPC), 6 publications

2005 - 2009 Chemistry BS in National Taiwan University

Familiar Tools

Programming
- Rust
- Python
- Javascript

DevOps
- ArchLinux
- Ubuntu Linux
- Travis CI
- Gitlab CI
- Nginx
- Jenkins
- GCP AppEngine
- GCP Compute
- AWS Lambda
- AWS S3
- AWS APIGateway
- Docker

Open Source Contribution

- RustPython contribution (byte.decode, unicode litera, str.isprintable)
- Rust S3 Client (s3rs)
- Pypi packages (flask-accept, antbot)
- ArchLinux package (giseditor, ibus-array)
- Several open source projects (PyText2Speech, klink, neovim plugin ...)

References

- Contribution

RustPython	https://github.com/RustPython/RustPython/pull/1193
	https://github.com/RustPython/RustPython/pull/1043
	https://github.com/RustPython/RustPython/pull/1024
flask-accept	https://github.com/di/flask-accept/pull/8
S3rs	https://docs.rs/crate/s3rs/0.2.3
PyText2Speech	https://github.com/PyText2Speech/
Giseditor	https://aur.archlinux.org/packages/giseditor/
Ibus-array	https://aur.archlinux.org/packages/ibus-array/
Neovim Plugin	https://github.com/yanganto/nvim-translate
Antbot	https://pypi.python.org/pypi/antbot/0.1.3

- Certificate

Machine Learning	https://bit.ly/2HmQD9h
Rust Course	https://bit.ly/2kKmo4U

- Project

PhishInsight	https://phishinsight.trendmicro.com/en/

Antonio Yang
yanganto@gmail.com
www.ant-lab.tw
(0987) 026-316

Publications

1. Effect of side chain length on intrahelical interactions between carboxylate- and guanidinium-containing amino acids. Amino Acids 2014, 46, 1867-1868. (2nd author)

2. Effect of charged amino acid side chain length on lateral cross-strand interactions between carboxylate-containing residues and lysine analogs in a -hairpin. Biochemistry 2013, 52, 9212-9222. (co-author)

3. Effect of charged amino acid side chain length on lateral cross-strand interactions between carboxylate-containing residues and lysine analogs in a -hairpin. Biochemistry 2013, 52, 9212-9222. (co-author)

4. Effect of glutamate side chain length on intrahelical glutamate-lysine ion pairing interactions. Biochemistry 2012, 51, 7157-7172. (co-author)

5. Helix formation and capping energetics of arginine analogs with varying side chain length. Amino Acids 2012, 43, 195-206. (co-author)

6. Positional effects on helical Ala-based peptides. Biochemistry 2010, 49, 9372-9384. (co-author)