Dat Vu Tuan

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E33 Ngo Thi Nham Auction area, Ha Dong dist., Hanoi, Vietnam

EDUCATION

Hanoi University of Science and Technology   Hanoi, Vietnam

Bachelor of Information and Communication Technology; GPA: 3.02/4.0   *Septenber 2013 - August 2019*

Thesis: Construction of a system collecting and monitoring logs, metrics, and traces information of distributed applications

SKILLS

- **Languages**: Golang, Python   **Technologies**: Ubuntu, GitLab, Docker, OpenStack
- **Frameworks**: Django, Sanic

EXPERIENCE

Viettel Networks   Hanoi, Vietnam

Cloud Engineer   *November 2018 - Present*

- **Observability and Monitoring**:
  - Implementing and maintaining logging, monitoring and tracing systems
  - Making sure logging, monitoring and tracing data are visualized
  - Contributing to upstream projects and maintaining downstreams
- **Automation**:
  - Implementing and maintaining Faythe, an open-sourced project connecting Prometheus and OpenStack
  - Implementing GitHub workflows
  - Implementing CI/CD with Jenkins and GitLab
- **Multi-Cloud Management Platform**:
  - Designing and implemeting a Multi-Cloud Management Platform that controls multiple OpenStack clusters

Nanyang Technological University   Singapore

Research Assistant   *April 2018 - October 2018*

- **Cloud-based Dynamic Streaming and Loading of 3D Scene**: An approach for out-of-core dynamic streaming of a virtual scene
- **Efficient scheduling for dynamic streaming of 3D scene for mobile devices**: An efficient resource scheduling scheme for out-of-core dynamic streaming of a 3D scene

HBLab   Hanoi, Vietnam

Software Engineer Intern   *May 2015 - Aug 2015*

- **TimeSheet**: Using Yii2 and Slack webhook to create a checking attendance application
  - Creating a Google Apps Script handling Slack messages to record employees' starting and ending time
  - Auto generating employee' working time summary at the end of the month in Slack or viewing it on Yii2 web application
- **Online learning system**: Implementing payment module with WebPay (service closed)

ADDITIONAL EXPERIENCE & ACHIEVEMENTS

- One of two students joining **EBA Fieldwork 2016** hosted by *Keio University* in Japan
- Coauthor of *"Cloud-Based Dynamic Streaming and Loading of 3D Scene"* in *The 2018 International Conference on Cyberworlds (CW)*, Singapore, DOI: 10.1109/CW.2018.00079
- Coauthor of the **IWAIT best paper award** "*Efficient scheduling for dynamic streaming of 3D scene for mobile devices*" in *2019 Joint International Workshop on Advanced Image Technology (IWAIT) and International Forum on Medical Imaging in Asia (IFMIA)*, Singapore, DOI: 10.1117/12.2521357
- Speaker at **Virtual Open Infrastructure Summit 2020** *Auto-scaling in Openstack without Telemetry*
- Coauthor of "*Auto-scaling in Viettel Networks Without OpenStack Telemetry*"
- ETS certificate of scoring 910/990 in *TOEIC Listening and Reading Test*