DevOps Intern

# Du Tham Lieu

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A self-driven, quick learner with multinational experience

## Education

2019-2023 (expected)

**BSc, Computer Science, Minor in Applied Machine Learning**;

[Innopolis University](https://innopolis.university/en/) (Innopolis, Tatarstan, Russia)

2015-2018

**Electronics**;

[CSIC Vocational School](https://www.csic.khc.edu.tw/website/csic_EN/index.htm) (Kaohsiung, Taiwan)

## Experience

**DevOps Internship at Provectus 11/2021-02/2022**

* Deployed Jenkins (Helm) on EKS via Terraform
* Set up said Jenkins Configuration as Code via Jcas, Job DSL plugin
* Set up auto-scaling EC2 runners for said Jenkins via EC2 plugin
* Got familiar with GitLab and GitLab Runners
* Enabled cache for maven artifacts
* Made IAM roles to match the least privilege principle
* CloudFormation template to create ECS with containerized service and alarm with SNS

## Technical Competence

Frameworks

Git, Gitlab, Docker, Kubernetes, **Terraform**, **AWS Cloudformation**, **Jenkins**, Spark

Programming Languages

**Python, shell scripting**

Basic knowledge of HTML/CSS, Javascript, C, Java, Racket

Worked with before: Matlab/octave, C++, Flutter

Pet Projects

* Recreating images with triangles using genetic algorithm ([Github](https://github.com/pierrepicaud/recreate_images_from_triangle))
* Iris detecting Neural network ([Github](https://github.com/pierrepicaud/coding_playground/blob/main/iris_detecting.ipynb))
* Wrote a couple of web pages ([Github](https://github.com/pierrepicaud/coding_playground/tree/main/web/toy_projects))
* Developed a clone of Uber (Teamwork)
* Implemented a numerical simulation from a Data-Driven Control research paper (University Assignment)
* Designed a GUI in python using Tkinter to plot numerical solution for a given differential equation (University Assignment)

## Extra

* [Letter of recommendation from Yegor Bugayenko](https://www.yegor256.com/2021/12/01/teaching.html)

Human Languages:

* Vietnamese (native)
* English (fluent)
* Chinese (conversational)