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:**

* Coded Terraform deploy and set up Jenkins with Jcasc, EC2, and JobDSL plugin
* Coded a Cloudformation template to deploy:
  + Auto-scaling runners for Gitlab CI/CD
  + ECS for a web server with Cloudwatch Alarm and SNS notification

## 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 repo](https://github.com/pierrepicaud/recreate_images_from_triangle))
* Iris detecting Neural network ([Github repo](https://github.com/pierrepicaud/coding_playground/blob/main/iris_detecting.ipynb))
* Implemented a numerical simulation from a research paper (Data-Driven Control)
* Wrote a couple of web pages ([Github repo](https://github.com/pierrepicaud/coding_playground/tree/main/web/toy_projects))
* 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)