LONG NGUYEN

Platform Operations Engineer

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I'm a software engineer with a deep passion for both development and Dev-Ops, always looking for ways to improve and streamline processes.

Work Experience

02/2025 - Now: *Personal Development & Job-seeking*

09/2024 - 01/2025: Platform Operations Engineer
PaaS Team - Widas Group GmbH, Wimsheim

- Maintain, establishment and refurbish components in the server room, and other hardware assets
- Work closely with networking engineers, software developers during build and deployment phase
- Hand-on experience in monitoring and logging, encrypting database, scripting, network / firewall
- Ensure security and compliance of all employee laptops

RedHat Linux, Ansible, AWX, Lens, Helm, Opensearch, Docker / Kubernetes, Fortigate, GitLab, MongoDB, Wazuh

09/2023 - 09/2024: *Personal Development & Job-seeking*

04/2022 - 09/2023: Customer Implementation Engineer
CI Team - Labforward GmbH, Berlin

- Expert in company product to integrate client workflows
- In charge of PoC process, testing existing features
- Assist my teams with daily tasks and operation using Labforward / external APIs
- Offer second-level technical support, handle tickets and respond to client inquiries regards LabOperator

REST APIs, VSC, GitHub, Postman, YAML, JSON, Jira, Confluence

03/2020 - 03/2022: Lab Research Assistant
Frankfurt University of Applied Sciences, Frankfurt

- Ensure academic submissions fulfilled IEEE format
- Work with our professor on computer vision, machine learning projects

MATLAB, Python, ROS, MS Office, LATEX, Overleaf

Languages

English: Full professional proficiency **C1**
German: Professional proficiency **B2**
Vietnamese: Native

Education

10/2019 - 05/2023: M. Eng. Information Technology

Frankfurt University of Applied Sciences

GPA: 2.0

Master thesis on deep learning in object recognition for edge devices

- Telecommunication
- High-frequency communication
- Distributed System, **C# .NET, Azure**
- AI, Automation and Robotics

10/2012 - 09/2016: B. Eng. Electrical Engineer & Information Technology

Cooperation between Frankfurt University of Applied Sciences, Vietnamese German University, HCMC Vietnam

GPA: 1.9

Bachelor thesis on OpenCV and KUKA robot arm cooperation

- DAAD Scholarship 2016 for top 10
- HCMC Soccerbot 2015 Winner team
- Microsoft ImagineCup 2014 Finalists
- HCMC Autonomous RC 2013 Finalists

09/2010 - 09/2012: Physics and Mathematics

Giadinh Highschool, HCMC Vietnam

- HCMC Second Prize PASCAL competitive coding 2012
- Vietnam-southern-area Bronze medal PASCAL competitive coding 2010, 2011

Projects

Personal Website at long-nguyen.me

Open-source website template, hosted by Github Pages with custom domain provided by Cloudflare

Machine learning in object recognition for edge devices

Implementing an open-source model for detecting multiple objects (Python) with custom dataset, running on a Raspberry Pi.

Machine learning in spectrogram analysis for echo classification

Creating detection pipeline with GUI in MATLAB, applying Gabor frequency-time transform and CNN model