PHONG (JULIAN) NGUYEN

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EDUCATION

CONNECTICUT COLLEGE, *New London, CT*   **BA expected May 2024**
Majors: Computer Science and Economics   **Majors GPA**: 4.00
Minor: Applied Statistics
Honors and Awards: Dean's High Honor

TECHNICAL SKILLS

- **Languages**: Java, Python, JavaScript, HTML & CSS, SQL, Bash
- **Platforms**: Kubernetes, OpenStack, Docker
- **Frameworks**: Spring Boot, React Native, Express, Ansible
- **Version Control System**: GitLab, GitHub
- **Operating System**: macOS, Windows, CentOS, Ubuntu
- **Databases:** MySQL, MariaDB. PostgreSQL, MongoDB, etcd

PROFESSIONAL EXPERIENCE

IT Service Desk Technician, *Connecticut College, New London*   *Sept 2021 – Present*
• Assist 10+ clients per week in troubleshooting various hardware and software related issues.

Cloud Engineer Intern, *Viettel Network, Hanoi*   *Apr 2021 – Aug 2021*
Technologies: Kubernetes, Jenkins, Docker, Ansible, Bash, Go, PostgreSQL
• Collaborated in migration of VM-based PostgreSQL to Kubernetes with Crunchy Data's Operator to elevate automation in PostgreSQL administration.
• Managed full lifecycle of cloud native applications and Kubernetes resources via KuberSphere platform.

System Engineer Intern, *Viettel IDC, Hanoi*   *Jan 2021 – April 2021*
Technologies: Docker, Ansible, Python, Bash, QEMU
• Launched and administrated developing deployments for OpenStack in all-in-one and multi-node architecture with Kolla-Ansible to simulate production use cases.
• Integrated Prometheus, Grafana to enhance detection of abnormal patterns from operating virtual machines
• Implemented a distributed Ceph deployment with OpenStack to provision fault-tolerant, scalable block storage devices.

Software Developer Intern, *Goldengate Corp., Hanoi*   *July 2020 – Dec 2020*
Technologies: Express, React, React Native, MariaDB, MongoDB, Redis
• Designed and developed the monolithic server-side system of "Fast Deal" - an e-commerce platform targeting on lifestyle products – including database design, business logic implementation, OTP generation, user authentication
• Developed new features on client-side for AiDriven, a React Native-built eKYC system, to meet specific business requirements from financial firms, aiming to serve 10000+ employees
• Published and released patches for AiDriven on Apple Store and Google Play.

Software Developer Intern, *Credito Corp., Hanoi*   *July 2020 – Aug 2020*
Technologies: Spring, MariaDB, HTML5, Bootstrap 4, JavaScript
• Increased the routes of 123Vay, a production web app offering financial products in Vietnam, by 20%

PROJECTS

Presentation at OpenInfra Days Asia 2021   *Fall 2021*
• Represented **Viettel Network** in sharing the progress on "**Experimenting the migration of PostgreSQL to Kubernetes**"

Super Simple To-Do App   *Spring 2021*
Technologies: NodeJS, Express, MongoDB Atlas, Jenkins, Ansible, Docker, Postman
• Built a simple RESTful web service using Express with external MongoDB hosted on AWS
• Set up CI/CD Jenkins pipeline on local VMs

College Management Web App   *Fall 2020*
Technologies: Java, Spring Boot, Spring Security, MySQL, HTML, JavaScript & CSS, jQuery
• Developed RESTful API and UI for a CMS web application utilizing MVC pattern