# JULIAN NGUYEN

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## EDUCATION

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

## 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, KubeSphere*
• Migrated VM-based PostgreSQL to Kubernetes with Crunchy Data's Operator to diminish PostgreSQL's administration time
• 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 and 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:* NodeJS, *Express, React, React Native, MariaDB, MongoDB, Redis*
• Designed and developed the server-side for an e-commerce platform including database design, business logic implementation,
  OTP generation, user authentication resulted in production launch
• 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
• Solved critical vulnerabilities on AiDriven including SQL injection and application obfuscation
• Published releases 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

## 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