

# PHONG D. NGUYEN (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

**Relevant Courses:** Data Structures, Discrete Mathematics, Introduction to Computer Science, Calculus B

**VIETNAM-GERMANY HIGH SCHOOL**, Hanoi, Vietnam

Diploma awarded 2019

## TECHNICAL SKILLS

- **Programming Languages:** Java, Python, Javascript, HTML, CSS, SQL
- **Frameworks:** Spring Boot, React Native, Bootstrap4, NodeJS, Express
- **Version Control System:** Git, Bonobo Git Server, Github
- **Operating System:** MacOS, Windows, Ubuntu
- **Relational Databases:** MySQL, MariaDB
- **NoSQL Databases:** MongoDB

## WORKING EXPERIENCES

**Software Developer Intern**, *Goldengate Corp., Hanoi*

July 2020 - Present

**Technologies:** NodeJS, React, React Native, MariaDB, MongoDB, Docker, Apache Kafka

- Contributed to the technical design of AiDriven, a specialized cross-platform e-KYC system aiming to increase productivity and manage workflow of business enterprises
- Integrated and developed new features for AiDriven's app on Android and iOS to meet specific business requirements from MBBank, one of the largest financial institutions in Vietnam
- Delivered the native app to users via mobile distribution platforms, including AppleStore and GooglePlay

**Software Developer Intern**, *Credito Corp., Hanoi*

July 2020 – August 2020

**Technologies:** Spring, MariaDB, HTML5, Bootstrap 4, Javascript

- Increased the routes and pages of 123Vay, a production web app providing details about financial products in Vietnam, by 20%
- Assessed and implemented standard UI/UX approaches on 123Vay to achieve more friendly interface for users

## ACADEMIC PROJECTS

**College Management Web App**

Fall 2020

- Developed RESTful API and UI for a CMS web application using MVC pattern with Spring Boot
- Minimized application's invulnerability with Authentication and Authorization powered by Spring Security

**Social Media App**, *Department of Computer Science, Connecticut College*

Spring 2020

- Individually built an interactive CLI social network program performing CRUD operations in Java
- Implemented complex data structures including Heap, 2-D Array to track users' activities in temporal order

**Flappy Bird Game**, *Department of Computer Science, Connecticut College*

Fall 2019

- Collaborated to efficiently create a modification of "Flappy Bird" with Python's Zelle GUI
- Recognized as one of the distinguished final projects of the Intro course

## EXTRA-CURRICULAR ACTIVITIES

**Robotics Club**, *Connecticut College, New London*

Spring 2020

- Constructed a robotic vehicle model with Arduino Robot kit and improvised components
- Programmed various behaviors for robot with C++ on Arduino platform

**D-Lab R-Fundamentals Workshop**, *UC Berkeley, Berkeley*

Spring 2020

- Accelerated quantitative analysis skillset with R programming tool
- Analyzed medical and psychological datasets to provide key insights