

GitHub: [github.com/austin17kingslee](https://github.com/austin17kingslee)

## Experience

- **Data Structures & Algorithms**

- Achieved Specialist ranking on Codeforces with 1450 score.
- Comprehensive use of C++ programming language from this course.
- Apply Algorithm into AI, Data Science, and Machine Learning course as follows:
  - **AI course group project** - AI solving Knapsack problem using Genetic Algorithm: Input from the dataset, and created a generation of individuals, selected those with highest fitness score, mutated them and repeated until receiving the desired output. Project GitHub link: click [here](#).
  - **Data Science course group project** - Analyzing top trending Youtube videos: Collected data using Youtube API, converted the attributes to Dataframes, and used Matplotlib to visualize. Project GitHub link: click [here](#).
  - **Machine Learning course group project** - Facial Expressions recognition and transform into Emojis: Built a CNN architecture using Keras layers, fed the dataset to the model to recognize emotions, used Softmax equation to generate the model output. Project GitHub link: click [here](#).

- **Object Oriented Programming**

- General understanding of OOP and Java programming language.
- Received 8.5/10 for final group project.
- **OOP Course group project** - Sorting Algorithms Display: apply several common sorting algorithms (quicksort, mergesort, heapsort, etc) to an app with UI, in which user can choose the sorting algorithm they want, and observe the visualization of sorting process on screen. Project GitHub link: click [here](#).
- Managed Github usage, git commands from the course.

- **Web Development**

- Has experience in Web front-end during internship for User Generated Content Platform Spiderum.
- Has general knowledge about Angular framework, and right now studying ReactJS for this semester's course project work.
- Familiar with HTML, CSS, JavaScript, PHP, and MySQL, SQLServer.
- Course group projects:
  1. **E-commerce website** selling electronic devices, with show-product, add-product-to-cart, make-order, check-cart, and payment functionality. My role: front-end, database. Project GitHub link: [front-end](#), [back-end](#).
  2. **Blog website**, with register-login-logout, create-post, read-post functionality. My role: front-end, back-end. Project GitHub link: [front-end](#), [back-end](#).

## **Education**

- 2016 - 2019: Math Major, Nguyen Hue High School for Gifted Students. Graduated with High Honors.
- 2019 - now: Engineer Degree, Major Information Technology Global ICT, Hanoi University of Science and Technology.

## **Internships**

Web Front-end Intern at User Generated Content Platform Spiderum

- Platform with 100,000 users and 1 million monthly page views.
- Front-end web design, Angular framework, HTML, CSS, Bootstrap, JavaScript.

## **Skills**

- Fast learner
- Communication and Presentation
- Highly responsible and reliable
- Ability to work in a team

## **Languages**

- English: 7.5 IELTS - C1
- Korean: Working Knowledge

## **Extra-curricular Activities**

- Project Coordinator for Age of Empires Masters League Game Tournament (VTC Digital Television)
  - Meetings interpreter for VTC and Mogul
  - Contract translator and negotiator

- Page Editor and Event Organizer at Taylor Swift Vietnam Fanpage
  - Biggest TS fanpage in Vietnam, reaching 2 million people per month
  - Organized 2 fan offline events, the first ever offline event in Vietnam to be aired live on VTC Now.

### **Hobbies**

Reading books about programming, DevUP by Nguyen Hien is one of my favorites, very eye-opening and comprehensive.

Working on school projects, even though it is work related, the benefits this hobby brings is tremendous.