

# VIET MINH LE

Credit-Bearing Internship Availability: Jan 2021 – May 2021

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## SUMMARY

Viet is a technology enthusiast with solid background in math, data structure & algorithms. He enjoys programming and acquiring new skills with his self-discipline and self-motivation.

## WORK EXPERIENCE

### **Product Engineer Intern**

*Travelhorse, Singapore | May - Aug 2020*

- Built and designed back-end of a management system for Food & Beverage logistics services, using Express web framework and MySQL database.
- Deployed and maintained this system on Amazon Web Services (AWS); applied some Continuous Integration & Development (CI/CD) best practices.
- Worked closely with clients to collect requirements and ensure project quality.

### **Software Engineer Intern**

*Anacle Systems Limited, Singapore | May 2020 - Cancelled due to Covid-19*

### **Software Engineer Trainee**

*Viosoft Corporation, Vietnam | June - July 2019*

- Learnt & practiced workflow of developing and testing plugins in Eclipse IDE.

## RESEARCH EXPERIENCE

### **Photo-realistic Neural Style Transfer** 🔗

*Nanyang Technological University (NTU) | Aug 2019 - June 2020*

- Researched in the field of style transfer, applying an artistic style on a different image.
- Evaluated various existing state-of-the-art stylization papers utilizing deep learning.
- Developed a web-app with Flask framework based on an existing paper.

## EDUCATION

### **Nanyang Technological University (NTU)**

*School of Electrical and Electronic Engineering | Jun 2018 - Jun 2022 (Expected)*

*Bachelor of Engineering - Information Engineering & Media*

- **CGPA:** 4.68/ 5.0
- **Relevant Courseworks:** Discrete Math, Engineering Math, Intro to AI & DS, OOP (Java, Python), Intro to Design & Project, Data Structures & Algorithms.

## SKILLS

Machine learning & AI, Data structure & Algorithm, Agile Development.

### **Programming skills:**

- Proficient with : Python, Javascript, Java, SQL, Git.
- Familiar with : C#, C, HTML, CSS, some data science libraries (Pandas, Numpy, Matplotlib).

**Soft skills:** Communication, teamwork, problem-solving.

## PERSONAL PROJECTS

### **Realtime Digits Recognizer** 🔗

- Implemented a neural network using MNIST data and Pytorch to recognize handwritten digits.
- Built a feature, using OpenCV, to pre-process video input to facilitate model work in real time.

### **AI Chat Bot** 🔗

- Implemented a neural network, using own generated data, to create an auto-reply chatbot.
- Applied some Natural Language Processing (NLP) techniques like bag-of-words, tokenization by using NLTK library.
- Built a web app based on that model with Flask and frontend technologies (HTML, CSS, and JS).