VIET LE

MACHINE LEARNING | SOFTWARE ENGINEER INTERNSHIP

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CAREER OBJECTIVE

A technology enthusiast with solid background in math, data structure & algorithms. Someone enjoys building machine learning, deep learning models and learning new skills with his self-discipline and self-motivation.

EXPERIENCE

Viosoft Corporation

Software Development Traineeship   *June 2019 - July 2019*

- Learnt workflow of developing plugins in Eclipse IDE
- Learnt user interface testing with SWTBot
- Developed soft-skills such as communication, problem-solving, etc.

Nanyang Technological University

Undergraduate Research Experience on Campus Programme (URECA)   *Aug 2019 - Present*

- Research in Neural Style Transfer field under the supervision of a professor

EDUCATION

Nanyang Technological University

Bachelor of Engineering in Information Engineering & Media   *Aug 2018 - Present*

- **CGPA**: 4.62/ 5.0
- **Relevant Coursework**: Discrete Math, Engineering Math, Intro to AI & DS, OOP (Java, Python), Intro to Design & Project, Data Structures & Algorithms

SKILLS

Languages	Python, Java, C, SQL, Javascript (prior experience)
Experience with	Pytorch, Scikit-Learn, Pandas, Numpy, Matplotlib, Flask
Familiar with	Tensorflow, Keras, NLTK, OpenCV, Linux, Android Studio, Unity

PERSONAL PROJECTS

Realtime Digit Recognizer

- Implemented a Pytorch model recognizing handwritten digits from zero to nine in real time
- Processed input video with OpenCV to facilitate model recognition
- Built various models to compare and find the best one

Who would win the Olympics

- An end-to-end machine learning project
- Practiced data pre-processing and visualization
- Built various machine learning models to predict medals of each individual athlete

Chat Bot

- Built a deep learning model as an auto-reply chat bot
- Used Flask to deploy model
- Applied some Natural Language Processing techniques like bag-of-words, tokenization with NLTK

For more information, please access to my GitHub link