Dat Le-Duc
Python AI/ML/NLP Engineer Intern

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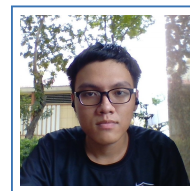
Career Objective

A fourth-year student eager to learn new knowledge and open to work about new technologies. I am an enthusiastic, self-motivated, reliable, responsible, and hard-working person. I am able to work well under pressure and adhere to strict deadlines.

Education Background

2020-present	**Bachelor of Science in Information Technology**, *Ho Chi Minh University of Science* GPA: 2.80/4
2017-2020	**Luong Van Chanh high school for the gifted, Mathematics Specialized Class**
Activities at University	During my time at high school and university, I had opportunities to develop a range of soft skills that are highly valuable in the workplace, including communication, time management, adaptability, teamwork and problem-solving.

Skills

Proficient in Python, C++, Mathematics.

Strong understanding of machine learning and natural language processing concepts.

Experience working with AI/ML/NLP libraries such as TensorFlow, PyTorch, NLTK, etc.

Quite good knowledge of software development methodologies, tools, and processes.

Proficient in tools like Git, GitHub, Google Colab, Jupyter Notebook.

Language Skills

Language: English (IELTS 5.5), Vietnamese (Native).

Projects

Project 1: Parallel Programming	○ **Technical Skills:** Python, Cuda, C++. ○ **Description:** Parallel Programming for Feedforward CNNs with Fashion-MNIST datasets. ○ **GitHub:** Click here for code resources ○ **Youtube:** Click here for video demo
Project 2: Text and Application on Data Mining	○ **Technical Skills:** Research skills, Python, TensorFlow, Numpy ○ **Description:** Research from papers about Vietnamese Sentiment Analyst and create a model to describe more with Vietnamese Dataset. ○ **GitHub:** Click here for code resources ○ **Youtube:** Click here for video demo

Project 3: AIoT Project	○ **Technical Skills:** Python, OpenCV, TensorFlow, Arduino ○ **Description:** Develop an AIoT system - Object Detection using YOLOv3 - ESP32, can develop more with own camera. ○ **GitHub:** Click here for code resources ○ **Youtube:** Click here for video demo
Project 4: Statistical Learning Project	○ **Technical Skills:** Python, Transformers, TensorFlow ○ **Description:** Develop and solve NLP Problems - Sentiment Analysis with BERT, SVM, LSTM and BiLSTM. ○ **GitHub:** Click here for code resources ○ **Youtube:** Click here for code resources

Activities, awards and achievements

Activity 1	MTI Online Hackathon Game Jam (2020)
Activity 2	SEA Culture Competition in Ho Chi Minh Open University (10/2022-11/2022)
	Consolation Prize, Iran Geometry Olympiad (IGO), 2017, 2018
	Consolation Prize, American Mathematics Competition, 2017, 2018
	Miscellaneous, Participated and won several prizes in Mathematics and English competitions, both online and paper-based, in the past.

Courses and Certificates

***	(See more in my Linkedin above my profile)
1	Big-O GREEN - Big-O Coding Center (1/2021-3/2021)
2	Big-O BLUE - Big-O Coding Center (5/2021-7/2021)
3	Big-O ORANGE - Big-O Coding Center (10/2021-12/2021)
4	Foundation of Machine Learning - VietAI (10/2020 - 5/2023)
5	ALL-IN-ONE from AI VIETNAM (5/2023 - now)
6	LangChain - Vector Databases in Production - ActiveLoop - 07/2023)
7	Machine Learning - 3 Courses - Coursera - 07/2023)
8	NLP - 2 Courses - Coursera - 09/2023)

Additional Information

Hobbies	Sports and Games
Personalization	Reserved, kind, enthusiastic and passionate about work and dreams