Dat Le-Duc

Python AI/ML/NLP Engineer Intern

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Career Objective

A third-year student eager to learn new knowledge about AI, ML and NLP. 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 university, I had the opportunity 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: English (IELTS 5.5), Vietnamese (Native).

Projects

Project 1: Computer Vision mini-projects

- **Technical Skills:** Python, OpenCV, TensorFlow, PyTorch
- **Description:** A series of mini-projects involving face-object recognition by camera, image-2-text, and image similarity.
- **GitHub:** Click here for demo link

Project 2: Machine Learning mini-projects

- **Technical Skills:** Python, Scikit-learn, TensorFlow
- **Description:** A series of mini-projects involving house pricing prediction, image classification, news categories classification, text similarity analysis, and time-series forecasting.
- **GitHub:** Click here for demo link

Project 3: Research Text Classification with BERT in NLP
- **Technical Skills:** Python, PyTorch, Transformers, BERT
- **Description:** Conducted research on text classification using BERT in Natural Language Processing.
- **GitHub:** Click here for demo link

Project 4: Research review scientific articles about chatGPT
- **Technical Skills:** Research skills, Python, TensorFlow, GPT models
- **Description:** Reviewed scientific articles about chatGPT titled "ChatGPT: Beginning of an End of Manual Linguistic Data Annotation? Use Case of Automatic Genre Identification".
- **GitHub:** Click here for demo link

Project 5: AIoT Project
- **Technical Skills:** Python, OpenCV, TensorFlow, Arduino
- **Description:** Develop an AIoT system - Object Detection using YOLOv3 - ESP32
- **GitHub:** Click here for demo link

Project 6: 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 demo link

Activities

Activity 1 MTI Online Hackathon Game Jam (2020)

Activity 2 SEA Culture Competition in Ho Chi Minh Open University (10/2022-11/2022)

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)

Awards and Achievements

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.

Additional Information

Hobbies Sports and Games

Personalization Reserved, kind, enthusiastic and passionate about work and dreams