
EDUCATION

- **York University** Toronto, Canada
Master of Applied Science in Electrical and Computer Engineering *Sep 2019 – Present*
- **University of Information Technology** Ho Chi Minh City, Vietnam
Bachelor of Engineering in Computer Engineering; GPA: 3.49 (8.72/10.0) *Aug 2013 – Feb 2018*

EXPERIENCE

- **FPT Telecom** Ho Chi Minh City, Vietnam
Data Scientist *Mar 2018 – May 2019*
 - **Network Infrastructure Analysis:** Analyze huge telecommunication logs to detect whether customers are having Internet issues using k-mean clustering and rule based classification. Achieved high precision rate at 93 percent while the initial expectation is at 50 percent.
- **KMS Technology, Inc.** Ho Chi Minh City, Vietnam
Machine Learning Intern *Aug 2017 – Dec 2017*
 - **Recruitment Chatbot:** Develop an NLP Chatbot for solving recruitment tasks (understanding and matching resumes and job descriptions). Using scikit-learn and spacy for understanding natural language, using knowledge graph (built with neo4j) for matching documents.
- **Renesas Design Vietnam Co., Ltd.** Ho Chi Minh City, Vietnam
Software Design Trainee *Feb 2017 – Aug 2017*
 - **Embedded MCU Simulation:** Join in a project which develops a tool for co-simulation between an IDE from Renesas interlinked with MATLAB MathWorks. Technology used: MATLAB, Python, C++
- **Renesas Design Vietnam Co., Ltd.** Ho Chi Minh City, Vietnam
Software Design Intern *Apr 2016 – Sep 2016*
 - **Tool development:** Develop a Python automatic testing tool for supporting an internal project.

OTHER PROJECTS

- **Diabetic Retinopathy Classification Using Deep Learning Model:** Classifies the disease's stages based on large sets of **retina images**. Test set accuracy is comparable at 67 percent. This is my undergraduate thesis. Core technologies are: deep learning (tensorflow), convolutional neural network and image processing (Link to the Thesis Report)
- **Sentiment Analysis For Supporting Cryptocurrency Trading:** A hobby project that crawls text from cryptocurrency forums and analyses the sentiment to predict Bitcoin price trend.

ACHIEVEMENTS

- **Salutatorian on graduation:** Graduation with Rank 2/32 in Department of Computer Engineering
- **Scholarships for Excellence Academic Results:** Awarded in 8 out of 9 semesters
- **Other scholarships:** Sunflower Mission Engineering and Technology Scholarship (2015)

OTHER SKILLS

- **Language:** Competence in English (IELTS 7.0, TOEIC 980)
- **Programming Languages:** Fluency in Python, C/C++, MATLAB
- **Other Coursework:**
 - **Machine Learning:** by Andrew Ng at Coursera
 - **Neural Networks and Deep Learning:** by Andrew Ng at Coursera (Link to Certification)

REFEREES

Prof. Lung Duc Vu

Vice Chancellor of University of Information Technology
University of Information Technology
Ho Chi Minh City, Vietnam
Email: lungvd@uit.edu.vn

Dr. Son Minh Nguyen

Chair of the Computer Engineering Department
University of Information Technology
Ho Chi Minh City, Vietnam
Email: sonnm@uit.edu.vn

Dr. Duy-Dinh Le

Head of the Office of Graduate Affairs cum Science and Technology Department
University of Information Technology
Ho Chi Minh City, Vietnam
Email: duyld@uit.edu.vn