

VU Anh Tuan

Research & Development Engineer

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Experience

- 2018** **Research & Development Engineer in Data Science**, Department IDS, [Télécom Paris](#), Paris, France.
Working in project [Data&Musée](#). Develop tools for crawling data automatically, visualizing and analyzing data. Create algorithms for a recommendation system of museums.
Publication: [Entity Embedding Analogy for Implicit Link Discovery](#), The Semantic Web: ESWC 2019.
Programming languages: Python, SPARQL, PHP
- 2018** **Research & Development Engineer in Computer Vision**, Department RS2M, [Télécom Sud-Paris](#), Paris, France.
Find an optimal and adaptive solution for adaptive H.265/HEVC video transmission in real-time in heterogeneous environments and under fluctuating radio conditions for a videophone in group calls on 4G/5G mobile networks.
Programming languages: Bash, Matlab, C++
- 2017** **Freelance Developer**, [Brickin'Up](#), La Rochelle, France.
Brickin'Up is a start-up social network. In this network, users have their own wall. They can brick up their wall by adding news, media, link, etc.
Develop a tool for automatic getting news from google trends in real time. Develop Firefox and Chrome extensions for adding current website to user's wall.
Programming languages: Bash, Javascript, HTML5, CSS
- 2016** **Internship M2**, [Laboratory L3i](#), University of La Rochelle, La Rochelle, France.
Subject: Linguistic Maps Analysis - Segmentation and Recognition of Linguistic Components.
Develop a tool to extract textual data in linguistic maps into layers of name of French departments, numbers, phonetic words with diacritics.
Programming languages: C++, OpenCV
- 2015** **Internship M1**, [ICTLab](#), University of Science and Technology of Hanoi, Ha Noi, Viet Nam.
Subject: Resolution Enhancement of Ultrasound Images by Image Processing.
Study methods of deconvolution technique and propose model to increase both resolution and quality of an image.
Programming language: Matlab.
- 2015** **Project Manager**, [NOVA Communication & Technology Corporation](#), Ha Noi, Viet Nam.
Responsible for developing a web-based system of products price comparing in real time. Responsible for developing a web-based e-commerce system.
Programming languages: Java, PHP, Javascript, HTML5, CSS.
- 2013** **Head of CRM Department**, [GEN Technology Company](#), Ha Noi, Viet Nam.
Responsible for developing genCRM version 3.0, a web-based customer relationship management software.
Programming languages: PHP, Javascript, HTML5, CSS.
- 2011** **Internship M1**, [Laboratory MSI](#), Ha Noi, Viet Nam.
Subject: Study the probability of collision in wireless network based on the standard IEEE 802.11.
Estimate the probability of collision in wireless network based on the standard IEEE 802.11 with the presence of hidden stations.
Programming languages: NS2, C++.
- 2008** **Software Engineer**, [The Voice of Vietnam](#), Ha Noi, Viet Nam.
Develop and implement systems e-office and video conference.
Programming languages: PHP, Javascript, HTML5, CSS.



Software Engineer, *Vietnam Association of Financial Investors*, Ha Noi, Viet Nam.
Responsible for developing a web-based documents management system.
Programming languages: PHP, Javascript, HTML5, CSS.

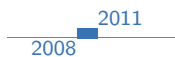
Education



MSc in Computer Science, Multimedia, *University of Paris 13*, Paris, France.
Good GPA: 14.20/20 Ranked the first in class



MSc in Computer Science, Multimedia, *University of Science and Technology of Hanoi*, Ha Noi, Viet Nam.
Good GPA: 14.05/20 Ranked the first in class



MSc in Computer Science, Sysem & Network, *Institut Francophone International*, Ha Noi, Viet Nam.
Completed French courses and Master 1



BSc in Computer Science, *University of Transport and Communications*, Ha Noi, Viet Nam.
Good GPA: 7.37/10 Ranked top 10 in class



High School, *Thai Binh High School for the Gifted*, Thai Binh, Viet Nam.
Good Speciality: Mathematics

Publication



Mimouni N., Moissinac JC., Vu A.T..
Entity Embedding Analogy for Implicit Link Discovery. In: Hitzler P. et al. (eds) The Semantic Web: ESWC 2019 Satellite Events. ESWC 2019. Lecture Notes in Computer Science, vol 11762. Springer, Cham.

Skills

Programming Python, PHP, Javascript, HTML5, Android, Python, Matlab, C++, OpenCV, Java

Databases Apache Jena, MySQL, MSSQL

OS Ubuntu, Windows

Languages

Vietnamese Native

Mother Tongue

French Good

B1. All work performed in French

English Good

B1. All work performed in English

Interests

Reading Biography, Science, Programming, Romance

Sport Football, Badminton

Gaming Computer Games