Anh-Vu NGUYEN

Objective : Application to M.S. in Data Science

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Education

Télécom Paris - Polytechnique Institute of Paris (IPP)   *Palaiseau, France*
One of France's top "Grande Ecole" for Sciences and Engineering   *Sep. 2019 - Present*

- 2nd year student specializing in Data Science
- Relevant courses : Mining of Large Datasets, Graph Mining, Statistics linear models, Machine Learning, Optimization for Machine Learning, Databases
- GPA : 4.00

Lycée Louis-le-Grand   *Paris, France*
Scientific Preparatory Classes   *Sep. 2017 - Jul. 2019*

- Speciality in Mathematics and Physics. Preparation for a nationwide competitive entrance examinations to the French Grandes Écoles
- GPA : 4.00

Project Work

Decentralised Task-distribution in Peer-to-Peer Networks   *Palaiseau, France*
Team of 4 students supervised by Prof. Ada Diaconescu   *Jul. 2020*

- Built a multi-agent system that achieves decentralised task-distribution in peer-to-peer networks
- Implemented and tested the performance of multiple algorithms in NetLogo such as the gossip algorithm
- Expanded the model and algorithms to account for a varying number of agents during runtime

Green Guy   *Palaiseau, France*
Team of 7 students supervised by Télécom Paris   *Oct. 2019 - Jun. 2020*

- Social media app that promotes eco-friendly behaviors by giving the possibility to create and explore events that are targeted towards the environment
- Built a platform that allows users to create and share events on an interactive map on which eco-friendly points of interest can be placed
- Worked on the development of the android app, integrated the app, server, database, and machine learning algorithm to work tightly together
- Implemented a machine learning algorithm with word2vec to moderate irrelevant user posts with an accuracy of 72 %

Internship Experience

Praxion   *Nanterre, France*
Web developer intern   *Jul. 2020 - Aug. 2020*

- Built a website for Praxion with SEO optimizations resulting in an increase of web traffic by 20 %
- Integrated a CRM (Customer Relationship Management) platform with the company's internal system that manages thousands of customers
- Implemented analytics services (Google Analytics) and migrated the site to new hosting servers with no downtime

Skills

Programming   Python, Java, Android studio, C, SQL, GitLab, Linux, Arduino
Languages   French (Native), English (proficient), Spanish (intermediate), Vietnamese (limited proficiency)

Additional Activities

Project Supervisor and Business Development Manager   *Palaiseau, France*
Telecom Etude - Télécom Paris's Junior Entreprise   *Mar. 2020 - Present*

- Supervised the administrators to make sure the processes are followed with respect to the regulation
- Developed our network to increase our business activities

Media and Communications Division - Talent Day   *Palaiseau, France*
Recruitment forum gathering students and companies (65 companies in 2019 - first edition)   *Oct. 2019 - Nov. 2020*

- Created visuals, posters and online posts to promote the event with a team of 4 students
- Worked with other teams during the event for a seamless operation and gathered feedback for next year's iteration

Associations
- **Comète** (France) | Télécom Paris's film making and photo association. Videos that I shot and edited
- **EAT - Expérience Auditive Télécommienne** (France) | Created an club and website to promote and share music creations
- **Telecom Debating Society** (France) | Club of Télécom Paris for British parliamentary style debates. Treasurer of a club with forty members

Music   Piano (Certificate of musical study in 2014), music production and composition. My creations
Game Development   Created a game on Unreal Engine 4 that was played by students at a school event
Sport   Swimming, running