Tran Phuong Dung

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Objective:

I am looking for a job to fully utilize my skills and to further my knowledge and experience in the field of Computer Science.

Education:

BACHELOR OF SCIENCE (HONORS) IN COMPUTER SCIENCE | 2015 - 2017 | THE UNIVERSITY OF NOTTINGHAM

- First Class. GPA on a 100.0 scale: 67/100
- Dean's Excellence Award of CS department

BACHELOR OF SCIENCE IN COMPUTER SCIENCE | 2013 - 2015 | HO CHI MINH CITY INTERNATIONAL UNIVERSITY

- GPA on a 100.0 scale (2013-2015): 82.6/100

HIGH SCHOOL DIPLOMA | 2013 | LE HONG PHONG HIGH SCHOOL FOR THE GIFTED

- Specialized in French, Mathematics, Physics and Chemistry

Skills:

COMPUTER

- Windows XP, 8.1, 10
- Ubuntu 16.04
- Microsoft Office

WEB DEVELOPMENT

- HTML5 and XHTML
- JavaScript and jQuery
- MySQL database design, connection
- API design with XML compatibility

MACHINE LEARNING

- Data Mining with WEKA, R
- Classification & Regression
- Forecasting

PROGRAMMING LANGUAGE

- Proficient: C/C++, Java, Python
- Familiar: Matlab, JavaScript, Assembly, Pascal, Haskell, Prolog

Experience:

MACHINE LEARNING INTERN | TENTACLE TECHNOLOGIES MSC SDN BHD | 17 JULY 2016 – 15 SEPTEMBER 2016

- Working full-time, this position involved developing a Pre-emptive Incident Management in Oil & Gas using Predictive Analytics (PIPE). PIPE collaborates Oil and Gas data from several sources to train a predictive model which predicts the failure of the system. PIPE generates system alerts, highlights the risks and provides early warning signals to prevent incidents.

Languages:

- Vietnamese: Native proficiency.
- English: Fluent. IELTS – 6.5.
- French: Fluent. Achieved Baccalauréat, an academic qualification for French high school students in DELF B1 (Diploma in French Language Studies).

Projects

OIL SPILL DETECTION AND FORECASTING USING SUPPORT VECTOR MACHINES – THESIS | 2016-2017

- A data-driven failure analysis employing machine learning technique to forecast partial or complete failures of the oil system. Oil and gas data are collected from several sources to train a predictive model using Sequential minimal optimizer (SMO) algorithm which classifies failure and normal events. The SMO model is optimized and enhanced to minimize the uncertainty of the predictions.

IBEAM PROJECT FOR BLUE SNOW ENERGY CO-OPERATION | 2015-2016

- Use Machine Learning algorithm to design the application for cooling air-cond system of the building. The system uses MVC architecture design with the implementation of server and client (Android app) side using Jetty and Jersey API for RESTful communication.

WEB APPLICATION DEVELOPMENT | 2015

- Project Management System: an online project management tool (create project, generate milestones and tasks, etc.)

PRINCIPLES OF DATABASE MANAGEMENT | 2015

- House Rental Website: a website that improves the house rental service (helping students to find a suitable house to rent, allowing the landlords to register the houses they want to rent).

ARTIFICIAL INTERLLIGENCE | 2015

- Minesweeper: a computer program that automatically solve Minesweeper.

SOFTWARE ENGINEERING | 2015

- Bookstore Website: provide people opportunities to look for and purchase their yearning books, upload/download E-Books.