Nguyễn Thành An

Data Scientist | Nam | Độc thân | 28/11/1990

Năm kinh ngiệm	**4 năm**
Công ty gần đây nhất	**FTEL** với vị trí Data Scientist
Bằng cấp cao nhất	**Tiến sĩ**
Trình độ ngoại ngữ	**English** - Cao cấp
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Nơi làm việc mong muốn	Hồ Chí Minh
Ngành nghề/Chức năng mong muốn	IT - Phần mềm	Công nghệ cao
Cấp bậc mong muốn	Nhân viên
Mức lương mong muốn (USD)	1
Phúc lợi mong muốn	Đào tạo	Thư viện	Hoạt động nhóm

THÔNG TIN CHUNG

Had 3+ years work on other various fields: Machine Learning, Big Data, Web-app.

Interested in technology review, science fiction

KỸ NĂNG

- Big Data
- Machine Learning
- Artificial Intelligence
- Web App
- Data Scientist

KINH NGHIỆM LÀM VIỆC

Tháng 5/2016 - Tháng 4/2017

Data Scientist

FTEL

(Porject 1) Develop Machine Learning system to predict whether Internet users going topay the services next month. Participate the project since the beginning,cleaning data, extracting features, building datasets, training model, visualizingdata. Data source are diverse from numeric, text, phone call collected fromover 2 million users. The project is finished.

Use Python, Anaconda, Keras, Hadoop.

(Project 2) Continue R&D in second Machine Learning project in Cyber-Security sinceDecember 2016. The project aim to predict if devices like smartphone, laptopare infected by malwares, viruses,… and forecast malicious activities likeDDOS attacks. Data come from Internet traffic, website/domain that devicesaccessed. Major role focus on researching Machine Learning approaches forCyber-Security, first prototype tested on one day data using graph-computingpowered by Graphlab to discover malicious domains.

Investigate graph computation, graph database and distributed computationwith Graphlab, Neo4j and Apache Spark GraphX correspondingly.

Tháng 2/2015 - Tháng 2/2016
Data Analyst
NCTU

Study graduate program at NCTU as Master student in first semester thentransfer to PhD program under Direct Admission Program in second semester.Meanwhile, participate Daya Bay - a Data Analysis project founded in China. Experiencing distributed computation on super-computer NERSC forprocessing big data at order of Terabytes collected by underground sensors, detectors.

Use C++ backed by ROOT framework.

Made a self-study on Deep Learning (by Coursera co-founder Andrew Ng) atthis time. Dropout to pursue work in Machine Learning/Artificial Intelligence.

Tháng 9/2014 - Tháng 12/2014
Software Engineer
TMA Solutions

Develop and maintain a web application for financial management. The appmanage information, account and profit for shareholders of an investment fund.Outsourcing for GBST.com, participate both on Back-end services andFront-end designing with major role involve develop new features, fix bugs,maintainance.

Use Java Spring in Back-end and Goole Web Tookit , JQuery in Front-end

Tháng 4/2013 - Tháng 5/2014

Researcher

DFM Engineering

Develop scientific software in Aero-dynamics for simulating and predicting thebehaviour of air-flow around objects like car, airplane wing, rocket. Majorrole was to read papers, optimize code performance, also collaborate withengineers to build in-house tool for processing 3D objects.

Use Fortran as main language, multi-core MPI for speeding up andMathematica for mathematical formula analytics.

TRÌNH ĐỘ HỌC VẤN

Tháng 2/2015 - Tháng 2/2016

Theoretical Physics

Tiến sĩ - National Chiao Tung University

Drop out of PhD program to pursue work on Artificial Intelligence/Data Science/Machine Learning

Tháng 9/2008 - Tháng 9/2012

Theoretical Physics

Cử nhân - Ho Chi Minh City University of Science

Bachelor of Science.

Honor program in Theoretical Physics.

GPA: 7.98/10. GRE Subject: 850/990