Le Nguyen The Dat

WORKING EXPERIENCES

Senior Data Technologist – Commercialize TV   03/2015 – Present
- Built data warehouse, analytics and data science infrastructure from the ground up.
    * Implemented project management and agile software development framework.
    * Full-stack big data engineer, from DevOps with AWS distributed cloud infrastructure and Docker to programatic ETL and data visualization.

Data Scientist – MediaCorp Pte Ltd   12/2014 – 02/2015
- Consumer Insights and Analytics.

                                                                          05/2014 – 12/2014
Head of Data Warehouse & Data Science – Zalora Group
- In charge of the company's data warehouse, data marts, and data science infrastructure; built and managed the data warehouse as well as data science team..

                                                                          06/2013 – 05/2014
Data Scientist, Programmer – Zalora Group
- Zalora's first Data Scientist, specialized in agile software development, cloud computing, data mining, and machine learning algorithms. Designed, built, and was known for:
    * CRM data platform, fully integrated with Oracle Responsys.
    * Recommendation system for Onsite and CRM.
    * Full Data Warehouse infrastructure - hosted on Amazon Web Service: from storage, ETL to data management.

Research Engineer – A-STAR Data Storage Institute   07/2011 – 06/2013
- Conducted researches, algorithms design and develop full system for multiple projects:
    * Advanced Smart Caching logics dedicated for travel booking industry. Fully implemented, integrated, and deployed, potentially save more than 5% of A-STAR's Business Partner's annual cost.
    * Network Virtualization and Software Defined Network with OpenFlow. Develop and apply new algorithms for efficient traffic routing, load balancing, virtual machine placement techniques in scalable data center network.
    * Knowledge based data classification and recommendation system, built on top of Apache Mahout's collaborative filtering engine. Implemented functional and scalable Java / Python prototypes for travel industry with social network's data set.

Software Engineer – Plunify Pte Ltd   05/2011 – 07/2011
- Contributed to company's distributed middleware, developed various internal tools and libraries built around Amazon Web Services.

EDUCATION

University of Oxford, United Kingdom   09/2009 – 10/2010
Master of Science in Computer Science (Pass)

University of Nottingham, United Kingdom   09/2007 – 07/2009
Bachelor of Science in Computer Science (First Class Honours)

International University of Ho Chi Minh City, Vietnam   09/2005 – 07/2007
Bachelor of Science in Computer Science (Transferred to the University of Nottingham)

Le Hong Phong High School for the Gifted, Vietnam   09/2002 –07/2005
Won First and Second Prizes of City Mathematics Olympiad, Ho Chi Minh City in 2003, 2004 and 2005

EXTRA-CURRICULAR ACTIVITIES

Photography   Wedding, Portrait, and Landscape photography as a freelancer since early 2010.