MERALDO ANTONIO

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Nationality: Singaporean

An aspiring data scientist with two years of analytics experience. Experienced at visualizing data using Tableau and Plotly/Dash, training and deploying state-of-the-art NLP models using PyTorch and analyzing big data using Python, Spark/Scala and Hadoop.

EMPLOYMENT

AI Singapore, Singapore   Feb 2019 – Dec 2019

AI Apprentice

- Working with a corporate client to build, train and deploy a chatbot using deep learning technologies (PyTorch implementation of BiDAF, ELMo and BERT)
- Took part in several datathons/hackathons, the latest being Shopee's *I'm the Best Coder! Challenge 2019*

Datarama, Singapore   Aug 2017 – Feb 2019

Senior Analyst

- Led more than 100 complex due diligence investigations across Southeast Asia
- Developed a project and fee-tracking dashboard that led to 30% operational improvement
- Built interactive Tableau visualizations that were published in Datarama's reports and website
- Contributed to the technical development of Datarama's AI-powered risk analysis platform

Blackpeak Group, Singapore   Feb 2016 – Jul 2017

Senior Associate

- Performed more than 100 due diligence and political risk analyses across Southeast Asia
- Provided risk advisory to Blackpeak clients including multinational companies, investment banks and PE funds

Lux Research, Singapore and Boston (USA)   Jul 2013 – Feb 2016

Research Associate

- Acted as a subject matter expert on the field of green chemicals
- Advised senior executives from Fortune 500 companies on emerging green technology trends
- Represented Lux Research in delivering speeches in international conferences as well as speaking to the press

BASF, Ludwigshafen (Germany)   Jul 2012 – Apr 2013

Research Intern

- Wrote a thesis on a new microencapsulation method that led to a master's degree with High Distinction

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EDUCATION

Georgia Institute of Technology   May 2018 – Aug 2020 (expected)

M.Sc. in Analytics (specialization in Computational Data Analytics)

- Current GPA of 4.00 out of 4.00
- Relevant courses: *Simulation and Modeling* and *Big Data in Healthcare*

National University of Singapore and **Technical University of Munich**   Aug 2011 – Apr 2013

Joint M.Sc. in Industrial Chemistry

- GPA 4.64 out of 5.00 (High Distinction)
- Obtained a full scholarship from BASF

Nanyang Technological University   Aug 2007 – Jun 2011

B.Sc. in Chemistry and Biological Chemistry

- GPA 4.76 out of 5.00 (First Class Honours)
- Dean's List for the academic years 2008/2009 and 2009/2010

SKILLS

Data Analytics and Machine Learning
- **Python** (including *Pandas, Plotly/Dash, XGBoost, Scikit-learn*): advanced
- **Pytorch:** intermediate
- **NLP** (libraries such as *NLTK* as well as implementation of models such as BiDAF and ELMo): intermediate
- **Tensorflow/Keras**: intermediate
- **Spark** (including MLlib and GraphX) **in Scala/PySpark**: intermediate
- **Hadoop** (Sqoop, Pig, Hive, Ambari): intermediate
- **Tableau** (including dashboards): intermediate
- **SQL**: advanced
- **Docker**: beginner

Languages
- **Indonesian:** native
- **English:** fluent
- **Spanish:** fluent
- **Chinese:** intermediate
- **French:** intermediate

PROFILES
- **LinkedIn:** www.linkedin.com/in/meraldo
- **GitHub:** github.com/meraldoantonio
- **Personal website:** meraldoantonio.github.io/about
- **Medium:** medium.com/@meraldo.antonio
- **Tableau public:** public.tableau.com/profile/meraldo.antonio