

MERALDO ANTONIO

Email: meraldo.antonio@gmail.com

Phone: (+65) 9865 4378

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)

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

- Developed a novel formaldehyde-free microencapsulation method
- Wrote a thesis on the project that led to a master's degree with High Distinction

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