

# MERALDO ANTONIO

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Nationality: Singaporean

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## EMPLOYMENT

### AI Singapore, Singapore

Mar 2019 – Dec 2019

#### AI Apprentice

- Working with a corporate client to build, train and deploy an automated using deep learning technologies (PyTorch implementation of BiDAF, ELMo and BERT)

### Datarama, Singapore

Aug 2017 – Mar 2019

#### Senior Analyst

- Led more than 100 complex due diligence investigations across Southeast Asia
- Developed a project and fee-tracking dashboard using Google Sheet
- 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/Boston

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

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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 coursework: *Simulation and Modeling* and *Big Data for 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*, *numpy*, *scipy*, *XGBoost*, *plotly*, *scikit-learn*): [advanced](#)
- Tableau (including dashboards and story points): [intermediate](#)
- SQL: [intermediate](#)
- Spark in Scala (including *MLlib* and *Spark Streaming*): [intermediate](#)
- PyTorch: [intermediate](#)

### Languages

- Indonesian: [native](#)
- English: [fluent](#)
- Spanish: [fluent](#)
- French: [intermediate](#)
- Chinese: [intermediate](#)
- German: [intermediate](#)

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## PROFILES

- LinkedIn: [www.linkedin.com/in/meraldo](https://www.linkedin.com/in/meraldo)
- Personal website: [meraldoantonio.github.io/about](https://meraldoantonio.github.io/about)
- GitHub: [github.com/meraldoantonio](https://github.com/meraldoantonio)
- Medium: [medium.com/@meraldo.antonio](https://medium.com/@meraldo.antonio)
- Tableau public: [public.tableau.com/profile/meraldo.antonio](https://public.tableau.com/profile/meraldo.antonio)