

Fong Shao Cong, Samuel

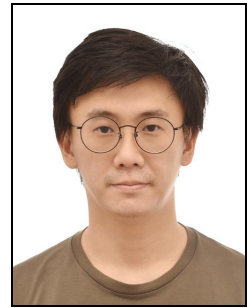
287C, Jurong East Street 21, #07-322

Singapore 603287

Mobile: (+65) 8180 9521

Email: fong.shao.cong@gmail.com

LinkedIn: linkedin.com/in/samuel-fong-435065132/



Objective

An inquisitive learner striving to hone his knowledge about technology.

Passionate about social causes and needs of children.

Experience

July 2021 - Current (1 year, 6 months)

Singlife, Singapore - Data Analyst

- Harnessed SQL (Cloudera Hue, Oracle Developer, Snowflake) for product analysis
- Served as primary analytics support for health insurance claims and digital platforms
- Leveraged NLP and deep learning to derive customer insights
- Utilised cloud-based platforms like AWS Sagemaker and S3 for machine learning
- Designed data models to fulfil business requirements
- Crafted dashboards to generate business insights using QlikSense and Tableau
- Analysed trends and provided insights for sales pattern to support marketing operations
- Augmented existing workflow and procedures using Airflow and Dataiku

January 2020 - July 2020 (6 months)

Aviva, Singapore - Customer Analytics Intern

- Harnessed SQL in effective data analysis for policy trends, generating insights for data compliance and data protection
- Leveraged on batch job automation to expedite workflow
- Managed and optimised databases to enhance querying capabilities
- Utilised Python for web data extraction and data validation

Education

August 2018 - July 2021

Nanyang Technological University, Singapore

Bachelor of Engineering with Honours (Highest Distinction), Mechanical Engineering

- Professional Engineers Board Gold Medal
- Dean's List (Academic Year 2019/2020 & 2020/2021)
- cGPA: 4.69 out of a scale of 5.00
- Engineering Innovation & Design Challenge - 2nd Prize
- Final Year Project: Agent-based model simulation of virus spread within a population using Python

Skills

Computing/Data Related

- Python
- SQL (Snowflake, Oracle, Dataiku, Cloudera Hue)
- Data Visualization (Tableau, Qlik)
- AWS (Sagemaker, S3)

Extra-Curricular Activities

August 2018 - Current (4 years, 6 months)

Volunteer, Regional Leader, Happy Children Happy Future (Jurong)

- Rendered tuition support to underprivileged children
- Organised and rendered support for events
- Managed beneficiaries and volunteer pool

August 2017 - Current (5 years, 6 months)

Volunteer/Tutor, SHINE Children and Youth Services (Clementi)

- Supported the Reading Odyssey program
- Served as reading companions for children with special learning needs
- Initiated one-to-one tutoring support for children beneficiaries

Hobbies/Interests

- Volunteering
- Personal computing hardware
- Badminton

References

Dr Marcos
Associate Professor
Nanyang Technological University
50 Nanyang Avenue
Singapore 639798
Tel: 6790 5713
Email: marcos@ntu.edu.sg

Dr Chew Choon Seng
Senior Lecturer
Singapore Polytechnic
500 Dover Road
Singapore 228213
Tel: 6870 8381
Email: chew_choon_seng@sp.edu.sg