

SHABBIR ABBAS BHAVNAGARWALA



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Singapore Citizen



SKILLS

- Data Science and Programming.
- SAS including Base Programming.
- Business Analytics with Excel, Qlikview
- Operations Research and Quality Engineering
- Python for Data Science techniques and inside reports generation
- SQL Optimization
- Machine Learning Techniques
- A willing learner



CO-CURRICULAR ACTIVITIES

Project Manager **Aug 2010 – Apr 2011** *Industrial & Systems Engineering Club (ISEC)*

- Organized various activities for course-mates so as to encourage bonding between peers
- Led a team to organize the first ever intra department bowling competition - Encouraged club members to actively participate and organize activities.
- Very active in ensuring events are relevant, exciting and reaches out to the peers effectively.



ADDITIONAL INFORMATION

- Knowledge on supply chain management tools such as iThink Software and AutoMod - Familiar with Quality Engineering tools such as control charts, Six Sigma Rule etc.
- Knowledge on HTML, CSS, Python, Flask.
- Interest in dealing with Data and perform Data Analytics.
- Good knowledge in SAS and SAS Base Programming
- A Keen Learner and Self disciplined



WORK EXPERIENCE

MIS Manager

Mar 2021 – Current

Sin Heng Chan Pte Ltd

- Optimize processes by using Python technology to assist staff in their daily work. Used various Python technologies to help in converting to PDF, splitting PDF etc.
- Networking and maintaining Active Directory Accounts
- **Automated WhatsApp messaging for the sending of WhatsApp messages to clients using Python (Star Achievement)**

Data Scientist

Mar 2018 – Mar 2021

Development Bank of Singapore (DBS)

- Support Consumer Operations to improve services by applying Data Science and decision automation. Eliminate waste and manual processing to increase productivity.
- Participate in the bank-wide strategic initiative to move traditional data warehouse to ADA analytics platform.
- Convert SAS scripts into future technologies like Python and Qlikview
- Optimize Teradata SQL and its cores to increase productivity including Business support with SQL

Data Analytics/Software Engineer

June 2013 – Oct 2017

Tech Mahindra

- Data analytics in Ministry of Education using SAS software.
- Generated visual charts and graphs for viewing real time data on portal. Generated Reports using SAS Base Programming and Business support with SQL
- Maintenance of Intranet in Land Transport Authority and weekly reports.

Internship

July 2011 – Dec 2011

Civil Aviation Authority of Singapore (CAAS)

- Worked with external company managers to implement the e-freight system which aims to eliminate hard copy paper documents currently needed in the cargo delivery
- Designed a Cost-Benefit Analysis Model together with The Logistics Institute, Asia Pacific (TLIAP) to help companies realize the long term benefits of implementing the e-freight system



EDUCATION

Bachelor of Engineering, Honours

Aug 2008 – Dec 2012

National University of Singapore (NUS)

- Major: Industrial & Systems Engineering
- Minor: Technopreneurship

Summer Programme

Aug 2010

Shanghai Jiao Tong University

- Gained insights and experienced a very rich and diverse culture there. The Summer Programme was an eye opening experience and a live proof of the growing economy of China.

GCE A Levels

Dec 2005

Tampines Junior College

- Obtained two A grades and one B grade