Contact

+65 97990262 (Home)
alvinang8888@gmail.com

www.linkedin.com/in/dr-alvin
(LinkedIn)
www.alvinang.sg (Portfolio)
sg.carousell.com/dr.alvin--
the_university_tutor/ (Company)

Top Skills

Design of Experiments (DOE)
Data Analytics
Manufacturing Operations

Certifications

Rules and Regulations for Financial
Advisory Services (M5)
DataOps Methodology Certificate
Enterprise Design Thinking
Practitioner
Deep Learning with TensorFlow -
Certificate
DataOps Methodology Badge

Honors-Awards

Mathematics Professor of the Year
Award
Excellent Teaching Feedback
Excellent Teaching Feedback
Best Commander Award
Best Soldier Award

Publications

A Brief Comparison of Three
Simulation Software
A Brief History of Business Analytics
An Investigation into the Extended
Kanban Control System - Dr. Alvin's
Ph.D. Thesis 2013
Creating a Sunburst Chart in Excel
for Visualizing Work Activities
Creating a Simple Animation with
Flexsim

Dr. Alvin Ang

Tertiary Infotech Data Science / AI Trainer
Singapore

Summary

- I'm a Data Science Freelance Consultant;
- I taught Data Science to students at IBM;
- I train trainees on Python, Tableau, Power BI, R, SQL, Statistics, Apache Spark, Excel Analytics, Machine Learning and Deep Learning at Tertiary Infotech;
- I lectured undergrads on Statistics and Quantitative Methods at SUSS;
- I founded a community full of Data Scientists at www.DataFrens.sg;
- I was a Research Fellow at NUS, an Assistant Math Professor at SP Jain and a Principle Consultant (Data Science) at a local startup.
- My Ph.D. is in Operations Research from NTU.

while i am not doing Data Science:
- i am a business consultant to www.MyDreamzCloset.com

Personal Motivation:
To help Young Students, Entrepreneurs and SMEs succeed

Bio Data:
Date of Birth: October 1981
Gender: Male
Citizenship: Singaporean
Race: Chinese

Links:
Personal Website: www.AlvinAng.sg
Data Scientists Community: www.DataFrens.sg
Consultant to: www.MyDreamzCloset.com

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Experience

Tertiary Infotech Pte Ltd

Data Science / AI Trainer

October 2021 - Present (2 years 5 months)

Singapore

- Teaching Apache Spark

- Teaching C / C++

- Teaching Decision Analytics

- Teaching Design of Experiments (DOE) using Minitab

- Teaching Excel Analytics + Dashboarding

- Teaching Linear Programming

- Teaching Machine Learning and Deep Learning

- Teaching Power BI

- Teaching Python

- Teaching Python for Finance

- Teaching R

- Teaching Statistics

- Teaching SQLite

- Teaching Tableau

- Teaching Tensorflow / Keras

- Teaching Text Mining

DataFrens

Founding Member of DataFrens

2021 - Present (3 years)

Singapore

Data Frens is an organization setup to network like-minded Data Scientists.

https://www.datafrens.sg/

https://www.linkedin.com/company/datafrens/

MyDreamzCloset

Business Development Specialist

January 2010 - Present (14 years 2 months)

Singapore

- Private Consultant to www.MyDreamzCloset.com

- Developing the business in areas such as Social Media / E-Sites Marketing

linkedin.com/company/mydreamzcloset

IBM

IBM Data Science Instructor

December 2020 - December 2021 (1 year 1 month)

Singapore

- Data Science Trainer for this program (Straits Times)

https://www.straitstimes.com/tech/ibm-to-train-800-mid-career-people-in-ai-cyber-security

Embrio Enterprises Pte. Ltd
Principal Consultant (Data Science)
March 2020 - July 2020 (5 months)
Singapore

- Preparation for handling of Data Lake Project for a large medical institute
- Submission and tendering of AI projects through Open Innovation Platform
- Preparation of Splunk for large IT Servers monitoring

University of Newcastle
Associate Lecturer
January 2020 - April 2020 (4 months)
Singapore

Teaching Statistics / Business Decision Making to Undergraduates.

Lalamove
Associate Sales Trainer & Coach
August 2019 - November 2019 (4 months)
Singapore

- Assist Lalamove Sales Manager with Sales Training
- Coach Sales Associates to Success
- Create a consistent sales foundation for Lalamove's Sales Associates
- Work together with Lalamove Sales Manager to create the Vision and Mission for the Sales Department

The Logistics Institute - Asia Pacific
Research Fellow (6 months Contract)
November 2018 - April 2019 (6 months)
Singapore

- Supply Chain Analytics for Proctor & Gamble (P&G) - SK II Products
- Used software such as KNIME and Anylogistix
- Supply Chain Analytics for Home Delivery of Medication for Singapore General Hospital (SGH)

Singapore University of Social Sciences
Associate Lecturer

August 2010 - October 2018 (8 years 3 months)
Singapore

Lectured Bachelor Degree students on subjects like Data Analytics,

Quantitative Methods, Statistics & Operations Management.

Curtin Singapore
Associate Lecturer
January 2017 - December 2017 (1 year)
92 Jalan Rajah Singapore 329162

- Taught Masters and Bachelors Degree Students
- Teaching Operations Management and Global Transportation

AIA Singapore
Financial Consultant
2014 - 2017 (3 years)
Singapore

- Undergone rigorous sales training programs (Executive Associate Program)

to become a Wealth Relationship Manager
- Performed Roadshows, Cold calling / canvassing activities

Nanyang Technological University
Teaching Assistant
August 2007 - August 2014 (7 years 1 month)
Singapore

Tutored Bachelor Degree students on subjects such as Computing,

Engineering Mathematics and Laboratory Work

Decision Science
Business Analyst (6 months Contract)
December 2013 - May 2014 (6 months)
Singapore

Project Manager cum Data Analyst for a Private Insurance Company

S P Jain Center of Management
Assistant Professor
May 2012 - May 2013 (1 year 1 month)
Singapore

Lectured Degree students on subjects such as Applied Business Mathematics,

Statistics and Operations Management

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Education

Nanyang Technological University
Doctor of Philosophy (Ph.D.), Operations Research · (2007 - 2014)

Nanyang Technological University
Master of Science (M.Sc.), Logistics · (2006 - 2007)

Nanyang Technological University
Bachelor of Engineering (B.Eng.), Mechatronics, Robotics, and Automation
Engineering · (2002 - 2006)

Anglo Chinese Junior College
A Levels, Physics, Economics, Mathematics · (1997 - 1999)

Fairfield Methodist Secondary School
O Levels, Physical Sciences · (1994 - 1997)