



NUS FinTech Society

Machine Learning Dept. Meeting

Address by co-President



Samuel Khoo

Address by ML co-Directors



Reon Ho



Vanessa Leong

Department Level Activities

Qualifications

- AI Singapore Cert
 - Free for Singapore/PR University Students!
 - AI/ML engineering
 - Quarterly Registration (next on 14 Sept)

Department Level Activities

Design Your Own Module (DYOM)

- For FinTech ML members
- 4 MCs UE
- CS/CU
- Deep Learning, ML Deployment
- Projects Finance-based
- Starts Next Semester

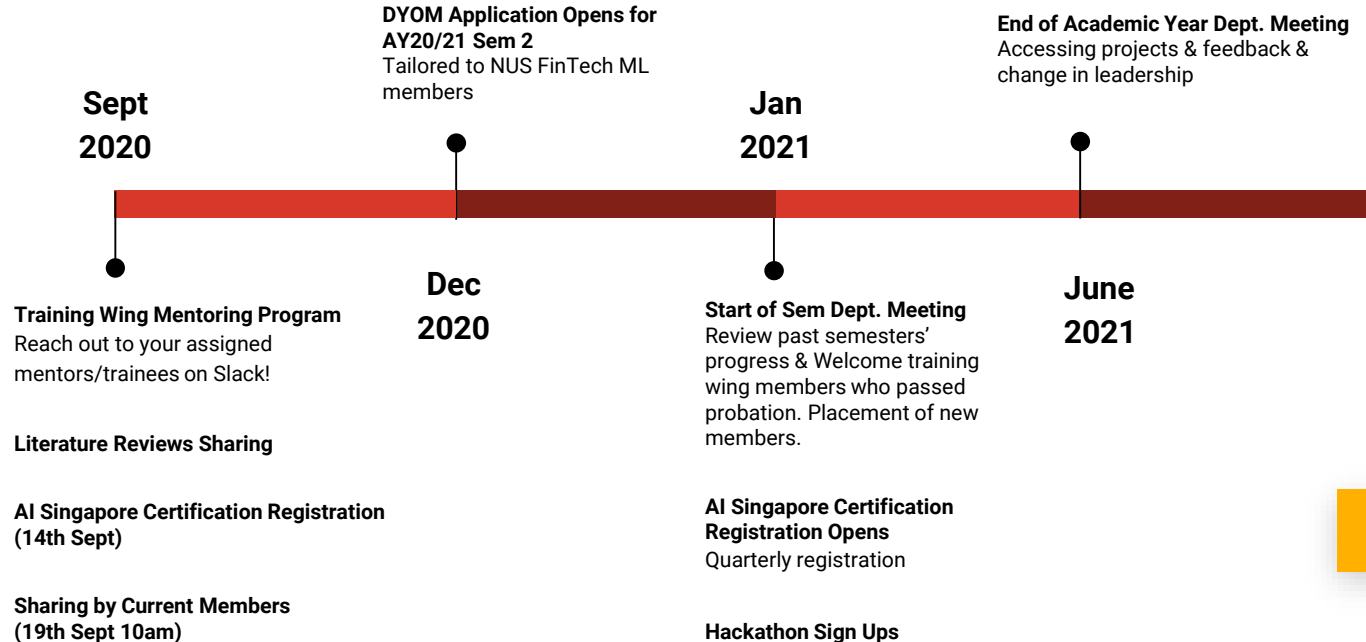
Department Level Activities

Literature Reviews (on Slack)

Month	Topic	Team IC
Aug	Introductory & Latest FinTech News & What Banks are investing in	Directors & Training Wing
Sept	NLP	Cash Flow Forecasting Team
Oct	Deep Learning	Fraud Detection Team
Nov	Time Series	Algo Trading Team

Department Level Activities

Timeline





Training Wing

Session 1

Introduction



Sim Sheng Xue

Education

- Bachelor of Computing (Honors) in Computer Science

Internship Experience

- Yoozoo Singapore (Image processing on scanned PDF)
- NUS IT (Used WiFi data to predict crowd level)



Zhu Bingjie

Education

- Bachelor of Science in Business Analytics (with Honours)

Internship Experience

- GIC (Identify strategy related phrases from earnings call transcripts using NLP)

Your Fintech Journey

You are here!!



Curriculum

	Content	Project
Week 4	Welcome Session	
Week 5	Introduction Github, Data Manipulation, Data Science Pipeline	
Week 6	Time Series	Release of Project 1
Recess		

	Content	Project
Week 7	ML Algo Part I Linear Regression, Logistic Regression, Naïve Bayes, SVM	Project 1 Due
Week 8	ML Algo Part II KNN, Decision Tree, Random Forest, K-means	
Week 9	Web Scraping	Release of Project 2
Week 10	NLP Part I NLTK, Stanza and build a chatbot	
Week 11	NLP Part II Text Classification using Naïve Bayes	Project 2 Due
Week 12	Computer Vision	
Week 13	Buffer	

Project



Stock Price Prediction for NUS Fintech Pte Ltd

Due 3 Oct, 11:59pm

Sentiment Analysis for News Headlines

Due 30 Oct, 11:59pm

More Details will be released closer to project starting date

Project Grading Rubrics

- Coding Style
- Algorithms used (experiment at least 3 algos)
- Usage of Github for project management
- Accuracy of results



Introduce Yourself

- Name
- Year and Major
- 1 fun fact



Meet Your Mentor

Trainee	Mentor
Amadeus Aristo Winarto	Ernest Chng
Ang Jamais	Cheng Jun
Arnav Gupta	Huang Ming
Benjamin Lee Hong Rui	Yong Zi Ping
Bryan Chen Wei Han	Darren Lim
Chin Xing Yi Rebecca	Ernest Chng
Daniel Tan Wei Hao	Jermaine Lim
David Seah Yujie	Jun Chern
Dawn Junnet Sta Ana	Janson
Eram Alam	Darren Lim
Joshua Tam Wei Ian	Jess Teo

Trainee	Mentor
Kleon Ang Cunrong	Jia Xuan
Lee Hur Sebastian	Jermaine Lim
Lester Sim Jia Jun	Geoffrey Bryan Lion
Luke Izumi Lau Chuan	Charlotte Wang
Neo Zheng Jie Reo	Reon, Vanessa
Ng Shuen Jin	Jia Xuan
Oh Chunguan Darius	Sakthivel Baskaran
Qu TingXuan	Geoffrey Bryan Lion
Ramapriyan Srivatsan PD	Jared
Shah Dhruv Nilesh	Sakthivel Baskaran

Trainee	Mentor
Sng Hao Jun	Yong Zi Ping
Tan Jun Yu	Janson
Tang Yong Ler	Jess Teo
Wang Kexin	Charlotte Wang
Wang Wen Pin David	Huang Ming
Yang Ming	Xu Pengtai
Yeo Zhi Long	Xu Pengtai

Activity (due **19 Sept**)

- Reach out to your mentors & trainees
- Find out about their background/ work experiences/ interest and fill in the google sheet!
- <https://docs.google.com/spreadsheets/d/1L68cu1JX-hNcB7oGdJKnDTHjA6kRjyNQE4KxKh9A1I/edit?usp=sharing>