®γσ, ENG LIAN HU

Personal Profile

®γσ, Lian Hu 白戸則道® 10/22/1984



Curriculum Vitae

Ryo, Eng Lian Hu

1. About Me

Title	Details
Date of Birth	1984-10-22
Age	33y 0m 15d
Malaysian	<u>+6-017-2100905</u>
Phone	

Number

Taiwanese <u>+886-098-910-4576</u>

Phone

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Current 9-11-02 Block Chengal, Taman Desaminium, 43300 Seri Address Kembangan, Selangor, Malaysia Home Town 290 Kampung Tiram Buruk, 45500 Tanjong Karang,

Selangor, Malaysia

Nationality Malaysian Religion Buddha

2. Education

Oct-2017 to Oct-2017 : Professional Certificate, Executive Programme in Algorithmic Trading (EPAT™); (QuantInsti™ (QI))

- 01 Course title: Introduction to Machine Learning for Trading
- 02 Course title : Quantitative Trading Strategies and Models
- 03 Course title: <u>Trading using Options Sentiment Indicators</u>

Apr-2016 to Present: Professional Certificate, Specialization Improving Business Finances and Operations; (Cousera - University of Illinois at Urbana-Champaign (Illinois))

- 01 Course title: Managerial Accounting: Cost Behaviors, Systems, and Analysis
- 02 Course title: Managerial Accounting: Tools for Facilitating and Guiding Business Decisions
- 03 Course title: Financial Evaluation and Strategy: Investments
- 04 Course title: Financial Evaluation and Strategy: Corporate Finance
- 05 Course title: Operations Management
- 06 Course title: Process Improvement
- 07 Course title: Improving Business Finances and Operations Capstone
- Improving Business Finances and Operations Specialization

Apr-2014 to May-2016: Professional Certificate, Specialization Data Science; (Cousera - Johns Hopkins University (JHU))

- 01 Course title : The Data Scientist's Toolbox
- 02 Course title : <u>R Programming</u>
- 03 Course title : <u>Getting and Cleaning Data</u>
- 04 Course title : <u>Exploratory Data Analysis</u>
- 05 Course title : <u>Reproducible Research</u>
- 06 Course title : Statistical Inference
- 07 Course title : Regression Models
- 08 Course title: <u>Practical Machine Learning</u>

- 09 Course title : <u>Developing Data Products</u>
- 10 Course title : <u>Data Science Capstone</u>
- <u>Data Science Specialization</u>

Jun-2015 to Aug-2015: Professional Certificate, Specialization Data Science; (Cousera - University of Michigan (UM))

• Course title: <u>Programming for Everybody (Python)</u>

Mar-2002 to Dec-2003: Professional Certificate, Japanese Language Profeciency Test; (JLPT - Japan Foundation Kuala Lumpur and Japan Educational Exchanges and Services)

• Course title: <u>Japanese Language Profecienc</u>y Test - Level III

3. Experience

Aug-2017 to Present: Unemployment

• Availability : Immediately

May-2016 to Dec-2016: Customer Service Executive; (employed by Manpower Human Resource Sdn Bhd and deployed by Mindpearl)

• Job Task: A customer service executive in Mindpearl but handle Malaysia Airlines customers, need to handle Malaysia Airlines customers. General enquiry, new booking, booking amendment.

Oct-2015 to Jan-2016 : Online Gaming, Sportsbook Trader; (employed by Global Solution Sdn Bhd)

• Job Task: Follow (Back) sportsbook punters' bets, hedging and oppose (Lay) pathological gamblers, doing deposit transactions for China mainland customers.

May-2015 to Sep-2015 : Online Gaming, Customer Service; (employed by OneMedia Sdn Bhd)

• Job Task: Handling inbound and outbound calls, livechat, feedback, all deposit and withdrawal transactions.

Feb-2015 to Apr-2015 : Online Retails, Fraud Prevention; (employed by <u>IdealSeed Sdn Bhd</u> and deployed by <u>Apple Inc.</u>)

 Job Task: Handling inbound and outbound calls, check and approve/reject customers' ordered transactions.

Mar-2014 to Apr-2014 : Customer Service Executive; (employed by FujiXerox)

 Job Task: Handling inbound calls from Taiwanese customers' orders and printer maintenance.

Nov-2013 to Mar-2014 : Online Gaming Trading, Team Leader/Trader; (employed by SBSolutionCorp Ltd)

Job Task: Handling few members to update scores and bets settlement.

Nov-2012 to May-2013 : TV Broadcasting Channel, Video Editor; (employed by <u>U-Drive Media Sdn Bhd</u>)

 Job Task: Watching and filtering video streaming from abroad prior to play in our country. <u>TM Bhd</u> Telekom Malaysia project

Mar-2008 to Jul-2012 : Outsourcing Business, Customer Service; (employed by Scicom (MSC) Bhd)

- Job Task: Handling inbound and outbound calls, livechat, feedback, all deposit, withdrawal and also phone bets' transactions. Sometimes need to do translation and also analysis job tasks. <u>Ladbrokes PLC</u>'s project
- Awarded Customer Service Workshop
- Awarded (<u>Ladbrokes</u>) Appreciation Certificate.jpg

Jul-2006 to Jun-2007 : Online Gambling, Trainer/Trader; (employed by <u>Caspo Inc.</u>)

• Job Task: Provides training to newbies on sportsbook trading and live scout. Need to backup for trading as well. Sometimes need to do translation and also analysis job tasks.

Nov-2005 to Jul-2006 : Online Gambling, Team Leader/Senior Trader; (employed by <u>Telebiz Sdn Bhd</u>)

• Job Task: Provides training to newbies on sportsbook trading purchasing stocks, need to update scores for bets financial settlement. Handle live-matches on corners. Sometimes need to do translation and also analysis job tasks.

4. Technical Experience

Analysing Financial Report of Bookmakers

- Analyse the financial report and stock price of gambling public listed company.
- Analyse the profit and loss of Singbet and Singbet2.
- Kindly click <u>here</u> for more information.

binary.com Technical Assessment

- Financial betting products modelling and also betting strategy.
- Application of Arima, Exponential Smoothing model, and various Garch models for prediction and Kelly model for investment.
- Kindly click <u>here</u> for more information.

Betting Strategy and Model Validation

- Using Selenium to gather soccer matches data via webdriver Phantomjs.
- Natural language analysis on the scrapped livescore data to match the team names from firm A for automation soccer team name matching.
- Application of different leverage of Kelly criterion for staking.
- Kindly click <u>here</u> for more information.

Introducing ®Studio Server for Data Scientists

- An tutorial for setup RStudio server and shiny server on Linux CentOS 7.
- Kindly click here for more information.

Testing Inefficiency of Sports-Bookmakers by Kelly Model

 *Apply dynamic weighted diagonal inflated bivariate poisson model to the scrapped data from- **WebDriver Dynamic Webpage Scrapping- to build an prediction model.*

- Application of Kelly criterion model to betting on 10 sportsbookmakers in year 2011/12 and 2012/13.
- Kindly click <u>here</u> for more information.

Dixon-Coles1996

- Dixon & Coles 1996 soccer scores modelling.
- Kindly click <u>here</u> for more information.

WebDriver Dynamic Webpage Scrapping

- Application of RSelenium and Python to scrape the odds price of sportbookmakers and also livescore data from <u>7M</u> and <u>NowGoal</u> website as well as filter the odds price data.
- Kindly click <u>here</u> for more information.

Soccer League Web Scraping

- Static webpage soccer scores scraping.
- Kindly click <u>here</u> for more information.

Odds Modelling and Testing Inefficiency of Sports-Bookmakers

- Collect the livescore and also 1x2, Asian Handicap, Over Under odds price data of 29 sportsbookmakers manually from <u>500WAN</u>, <u>BET007</u> and <u>NowGoal</u> website and filter the odds price data from 2006 to 2011.
- Apply dynamical weighted diagonal inflated bivariate Poisson model in R to test the return of the investment.
- Kindly click <u>here</u> for more information.

Apply Poisson regression on sports odds modelling

- Application of Poison model onto soccer sports odds modelling.
- Kindly click on <u>Calculator.xls</u> and <u>Statistics (ver3).xls</u> for the research.

5. Skill

Skill and Expertise

Skill and Expertise Rating Level (from newbie 1 to expert 10)

6. Other/Miscellaneous

I am currently learn to setup own sportsbook hedge fund company <u>Scibrokes®</u>¹ which will be the first professional sportsbook hedge fund in Asia I though. You are welcome to own yours by refer to my <u>安装 ®Studio と Shiny服务器</u>. You are welcome to contact me at <u>englianhu@gmail.com</u>.

7. Social Network

Appendices

8. Documenting File Creation

It's useful to record some information about how your file was created.

- File creation date: 2015-10-12
- R version 3.4.2 (2017-09-28)
- R version (short form): 3.4.2
- **rmarkdown** package version: 1.6.0.9009
- File version: 1.0.1
- File latest updated date: 2017-11-06
- Author Profile: ®yσ, Eng Lian Hu
- GitHub: <u>Source Code</u>
- Additional session information

[1] "2017-11-06 15:47:06 JST"

session_info	Category
R version 3.4.2 (2017-09-28)	version
Windows 10 x64	os
x86_64, mingw32	system
RTerm	ui
en	language
Japanese_Japan.932	collate
Asia/Tokyo	tz
2017-11-06	date

Sys.info

sysname	Windows
release	10 x64
version	build 14393
nodename	RSTUDIO-SCIBROK
machine	x86-64
login	scibr
user	scibr
effective user	scibr

9. References

- You are feel free to create your own CV by R Markdown V2 by refer to <u>Document Templates</u>
- rticles package version: 0.4.1
- Pandoc Markdown
- You can plot a <u>timeline</u> graph or load the <u>timeline</u> package.
- Here I apply googleVis package to plot the animated graph. You are feel free to browse over the <u>vignettes</u> for more examples.
- You can also modify the layout of website by referring <u>Top Five CSS</u> Customizations for R Presentations.
- There are a lot of diversified symbols I get from **Greek Alphabet Symbols**

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