

®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 3d
Malaysian Phone Number		<u>+6-017-2100905</u>
Taiwanese Phone Number		<u>+886-098-910-4576</u>
Home Land- line Contact		<u>+6-03-89570938</u>
Email Address		<u>englianhu@gmail.com</u>
Current Address	9-11-02 Block Chengal, Taman Desaminium, 43300 Seri Kembangan, Selangor, Malaysia	
Home Town	290 Kampung Tiram Buruk, 45500 Tanjong Karang, Selangor, Malaysia	
Nationality	Malaysian	

Religion

Buddha

2. Education

2.1 Professional Certificate, Algorithmic Trading (Python)

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 : [*Trading using Options Sentiment Indicators*](#)

2.2 Professional Certificate, Specialization Improving Business Finances and Operations

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**](#)

2.3 Professional Certificate, Specialization Data Science (R Programming)

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 : [*R Programming*](#)
- 03 Course title : [*Getting and Cleaning Data*](#)
- 04 Course title : [*Exploratory Data Analysis*](#)
- 05 Course title : [*Reproducible Research*](#)

- 06 Course title : [Statistical Inference](#)
- 07 Course title : [Regression Models](#)
- 08 Course title : [Practical Machine Learning](#)
- 09 Course title : [Developing Data Products](#)
- 10 Course title : [Data Science Capstone](#)
- **[Data Science Specialization](#)**

certificate 2.3.1 : Data Science Specialization

2.4 Professional Certificate, Specialization Data Science (Python)

Jun-2015 to Aug-2015

Professional Certificate, Specialization Data Science; [Cousera](#) - [University of Michigan \(UM\)](#)

- Course title : [Programming for Everybody \(Python\)](#)

certificate 2.4.1 : Programming for Everybody

2.5 Professional Certificate, Japanese Language Proficiency Test

Mar-2002 to Dec-2003

Professional Certificate, Japanese Language Proficiency Test; [JLPT](#) - [Japan Foundation Kuala Lumpur](#) and [Japan Educational Exchanges and Services](#)

- Course title : *Japanese Language Proficiency Test - Level III*

certificate 2.5.1 : JLPT III

3. Experience

3.1 Unemployment

Dec-2016 to Present - Availability : Immediately

3.2 Customer Service - ManPower Sdn Bhd

Nov-2016 to Dec-2016

Customer Service Executive; [Mindpearl](#)

- Salary : MYR4000 (+ OT & Allowance if any)

- *Job Task : A customer service executive in Mindpearl but handle Malaysia Airlines customers.*
- *Remarks : Mindpearl is an outsourcing company for few Airlines companies which handle [Malaysian Airline](#) customers. Converted from Manpower recruitment agency to a proper outsourcing company which based in [Fiji](#) (an island nation in Asia Pacific).*
- *Reason of Leaving : HR Manager Muthu Kuna she say I don't know how to play black magic and silly follow Malaysian law to take public holidays and fire me. Because she is wizard controlled by HwaCai from No32 Tmn RHU and be will scapegoat if I don't know black magic. In fact that is wizard's affairs but not our human's responsibility to be wizard's scapegoat.*

May-2016 to Nov-2016

Customer Service Executive; [Manpower Human Resource Sdn Bhd](#)

- *Salary : MYR4000*
- *Job Task : A customer service executive in Mindpearl but handle Malaysia Airlines customers. General enquiry, new booking, booking amendment.*
- *Remarks : Manpower is an outsourcing HR company pay salary but work for [Mindpearl](#) and training at [Malaysian Airline](#) Subang office.*

3.3 Sportsbook Trader - Global Solution Sdn Bhd

Oct-2015 to Jan-2016

Online Gaming, Sportsbook Trader; Global Solution Sdn Bhd

- *Salary : MYR3000*
- *Job Task : Follow (Back) sportsbook punters' bets, hedging and oppose (Lay) pathological gamblers, doing deposit transactions for China mainland customers.*
- *Remarks : A Malaysian unnamed company based in Selangor but the head-quarter based Hong Kong and Macau.*
- *Reason of Leaving : Project manager announced closed project.*

3.4 Sportsbook Social Media Marketing - OneMedia Sdn Bhd

May-2015 to Sep-2015

Online Gaming, Customer Service; OneMedia Sdn Bhd

- *Salary : MYR2500~MYR3000*
- *Job Task : Handling inbound and outbound calls, livechat, feedback, all deposit and withdrawal transactions.*
- *Remarks : A new established company which is similar as bookie but employ own programmers and also server.*
- *Reason of Leaving : Superior request change to commission based sales and marketing but not my strength, therefore choose resign.*

3.5 Apple Product Fraud Prevention Analyst - IdealSeed Sdn Bhd

Feb-2015 to Apr-2015

Online Retails, Fraud Prevention; [IdealSeed Sdn Bhd](#)

- *Salary : MYR4000*
- *Job Task : Handling inbound and outbound calls, check and approve/reject customers' ordered transactions.*
- *Remarks : An outsourcing HR company which insource staffs into [Xerox \(M\) Bhd](#) but operate [Apple Inc.](#)'s project.*
- *Resson of Leaving : Manager Robin Wang Yan Ping say I don't know how to play black magic and fire me. Because he is wizard controlled by HwaCai from No32 Tmn RHU and he will scapegoat if I don't know black magic. In fact that is wizard's affairs but not our human's responsibility to be wizard's scapegoat.*

Mar-2014 to Apr-2014

Customer Service Executive; [FujiXerox](#)

- *Salary : MYR3000*
- *Job Task : Handling inbound calls from Taiwanese customers' orders and maintenance.*
- *Remarks : A printer company which provides an IT service to customers and few retailer's outlet clients (FamilyMart, 7Eleven, HiLife and OKMart).*
- *Resson of Leaving : Manager Chai Yun Cheah say I don't know how to play black magic and fire me. Because he is wizard controlled by JiGong from WanFosi and he will scapegoat if I don't know black magic. In fact that is wizard's affairs but not our human's responsibility to be wizard's scapegoat.*

3.5 Sportsbook Trading Team Leader - SBSolutionCorp Ltd

Nov-2013 to Mar-2014

Online Gaming Trading, Team Leader/Trader; [SBSolutionCorp Ltd](#)

- *Salary : MYR3800*
- *Job Task : Handling few members to update scores and bets settlement.*
- *Remarks : Operation conducting by SB Solutioncorp based in Makati City (Manila, Philippines) but software company GBLinks based in Kowloon (Hong Kong, China)*
- *Resson of Leaving : Manager Mike Chong Yu Meng request to hire more team members to lease the job or need to know play black magic, but I just would like to enjoy simple life office worker and don't know black magic since I am not wizard, therefore choose resign.*

3.6 Live Compliance Editor - U-Drive Media Sdn Bhd

Nov-2012 to May-2013

TV Broadcasting Channel, Video Editor; [U-Drive Media Sdn Bhd](#)

- *Salary : MYR2450*
- *Job Task : Watching and filtering video streaming from abroad prior to play in our country.*
- *Remarks : An outsourcing company which insource staffs into [TM Bhd](#) (Telekom Malaysia).*
- *Resson of Leaving : Director request change to account or marketing department, but marketing is not my strength and I just would like to enjoy simple life office worker, therefore choose resign. Director Kent say I don't know how to play black magic, Chinese need to follow Malay's instruction since Malaysia is not China nor Taiwan and fire me. Because he is wizard controlled by JiGong from WanFosi and be will scapegoat if I don't know black magic. In fact that is wizard's affairs but not our human's responsibility to be wizard's scapegoat.*

3.7 Sportsbook Customer Service - Scicom (MSC) Bhd

Mar-2008 to Jul-2012

Outsourcing Business, Customer Service; [Scicom \(MSC\) Bhd](#)

- *Salary : MYR3656.25*
- *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*
- *Remarks : An outsourcing public listed company which handle Fortune 500 [Ladbrokes PLC](#)'s business in Far East Asia.*
- *Resson of Leaving : HR request change project since closed project, since there has no sportsbook related project besides Ladbrokes during that time therefore choose resign.*

3.8 Sportsbook Trading Trainer - Caspo Inc.

Jul-2006 to Jun-2007

Online Gambling, Trainer/Trader; [Caspo Inc.](#)

- *Salary : MYR5931.37 + 3~99months Annual Bonus (SGDxxxxxx)*
- *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.*

- *Remarks : A cross-global business group which co-operate with couples of companies whic based in Hong Kong, Taiwan, IOM (United Kingdom), Cambodia etc. Few brands like 188Bet , Crown , etc.*
- *Resson of Leaving : Cannot stand for daily 12 to 16 working hours during that time, therefore choose resign.*

3.9 Sportsbook Senior Trader - Telebiz Sdn Bhd

Nov-2005 to Jul-2006

Online Gambling, Team Leader/Senior Trader; [Telebiz Sdn Bhd](#)

- *Salary : MYR2450 + Annual Bonus (MYRxxxx)*
- *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.*
- *Remarks : An outsourcing company which handle sportsbook trading based Malaysia but co-operates with quite some companies in Hongkongese Citics PLC, Australian Networks Pty and also UK Starlizard Ltd etc.*
- *Resson of Leaving : Looking for better offer which introduced by friends.*

4. Technical Experience

4.1 Analysing Financial Report of Bookmakers

Mar-2016 to Present

[Analysing Financial Report of Bookmakers](#)

- *Learn shiny (exmp: infrastruture, shinyjs, shinydashboard etc), [advance R](#) (exmp: environment etc), data visualization (exmp: rCharts, DT, formattable, sparkline etc)*
- *Learn to read financial report of public listed companies.*

4.2 binary.com Technical Assessment

Jan-2017 to Oct-2017

[binary.com Technical Assessment](#)

- *Learn about quantitative analysis.*
- *time series modelling in forex.*
- *Financial betting products modelling and also betting strategy.*

video 4.2.1 : Forex forecasting and financial betting.

4.3 Betting Strategy and Model Validation

Jul-2015 to Oct-2017

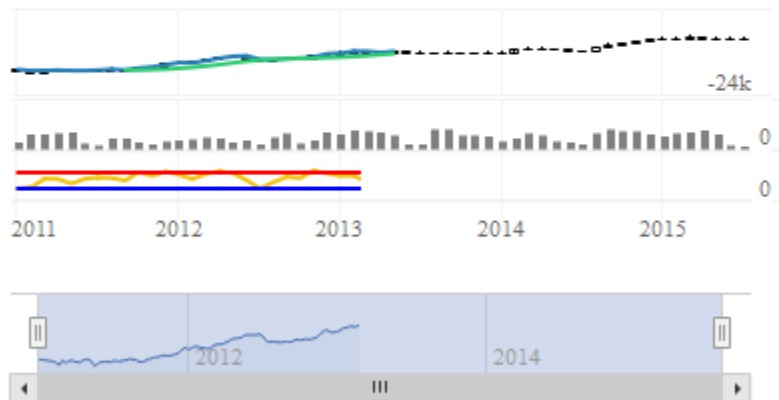
Betting Strategy and Model Validation

- Learn PhantomJS for background webdriver, markdown, setup RStudio server. However RSelenium and PhantomJS faced some error and then just simply apply rvest to harvest the data from spbo without odds price.
- Gather and filtering the staking dataset from Sportsbook consultancy firm A and validate their staking models.
- Gather livescore data from [spbo](#) livescore website and filter the data.
- Natural language analysis on the scrapped livescore data to match the team names from firm A.
- Testing the efficiency of some coding.
- Learn modified Kelly staking model.
- Learn investment fund management.

Sportsbook Hedge Fund

Candle stick chart with initial fund size : \$4,778.87

Zoom 1m 3m 6m YTD 1y All



graph 4.3.1 : Sample data of candle stick chart for fund growth of firm A via agent A. (\$1 = \$10,000)

4.4 GitHub Blogs

Jan-2016 to Present

GitHub Pages

- You are welcome to my [GitHub Blogs](#) which is temporary under learning and testing.
- Currently study and learning about jekyll and Hugo, as well as [InkPaper](#) which provides a platform for blogging .
- In order to easier manage my projects and also some comments and daily notes, all my projects will present and post on the coming personal blog.
- All html format files under <https://github.com/engliahnu/engliahnu.github.io/> will be under <https://engliahnu.github.io/>. For example, the file <https://github.com/engliahnu/engliahnu.github.io/ryoeng.html> will be able to open by enter url <https://engliahnu.github.io/ryoeng.html>

graph 4.4.1 : Sample data GitHub-Pages Blog.

4.5 Introducing @Studio Server for Data Scientists

Jan-2016 to Jan-2016

Introducing @Studio Server for Data Scientists

- Learn some command for Linux CentOS 7.
- Reviewed my previous setup @Studio server steps to remind ownself.
- Learn to prepare a rmarkdown presentation file.
- Sharing own experience about setup @Studio server, suggestion and comparison on relevant used apps.
- Quotes:“授人以鱼，不如授人以渔”，advised that we all need to learning step-by-step from the basic but not insider trading.

slides 4.5.1 : 为数据科学家们量身定做的专业统计软件 — @Studio服务器

4.6 Testing Inefficiency of Sports-Bookmakers by Kelly Model

Dec-2014 to Dec-2014

Testing Inefficiency of Sports-Bookmakers by Kelly Model

- *Apply poisson model to the scrapped data from- **WebDriver Dynamic Webpage Scrapping- to build an prediction model.*
- *Rewrite the Kelly model from- **Odds Modelling and Testing Inefficiency of Sports-Bookmakers- in R but also optimal value* which is stated in [Dixon&Coles1996](#) to test the efficiency and the returns of investment based from the Poisson model.
- Improve the efficiency of data management and also timing of calculation.

Return of Investment from Kelly Model

Breakdown of Operators - Profit & Loss on the Odds Price with/without Overrounds.

table 4.6.1 : Breakdown of Operators - Profit & Loss on the Odds Price with/without Overrounds.

4.7 Test the Dixon-Coles 1996

Feb-2014 to Mar-2014

Dixon-Coles1996

- *Learning Shiny and knitr in Coursera JHU- 09 Developing Data Products, occasionally noticed a* fbRanks package, simply scrape the livescore of English Premier League to test the Dixon-Coles model.*
- *Similar with my previous research, the author wrote a scrape the data statical webpage but save as csv, but add-on a surface/venue parameter and also apply efficiency of the calculation for bigger size dataset. You can go to <http://www.lastplanetranking.blogspot.my> for more details.*
- *I've modified a bit my model by refer the idea [efficiency of glm packages](#) of the author and will review again my model and also write my company website [Scibrokes® Test Site](#) by Shiny when free.*
- *Additional information about the website server, [SoccerMetrics](#), [sotdoc](#) and [matchOdds.org](#) might be good referencens for my future writing website. SotDoc roughly brief about the annual returns of [SmartOdds](#) around 2.5~3% while their investment returns rate around 7% per annum comapre to most of sportsbookmakers 0.5% or Crown 1.8%. SoccerMetrics using Python to setup [Soccermetrics API Python Client](#) while MatchOdds apply Tomcat to manage the data server.*

website 4.7.1 : Dixon-Coles 1996

4.8 WebDriver Dynamic Webpage Scrapping

Mar-2014 to Apr-2014

WebDriver Dynamic Webpage Scrapping

- *Relenium and RSelenium published, scrape the odds price of sportbookmakers and also livescore data from [7M](#) and [NowGoal](#) website as well as filter the odds price data.*

4.9 Soccer League Web Scraping

Aug-2013 to Sep-2013

Soccer League Web Scraping

- *Learning programming to gather livescore and also odds price data from [Goooooal](#). livescore website.*
- **From the scrapped result, there has alot of errors and wrong result since the static website result unable changed once the score is updated. There might be some postponed matches and also suspended metches. Moreover dynamic webpage request selenium apps, due to Rpy loss maintenance and rPython,RSelenium are not yet published. Therefore forfeit and learn Python and started the- **WebDriver Dynamic Webpage Scrapping**.*

4.10 Odds Modelling and Testing Inefficiency of Sports-Bookmakers

Apr-2008 to Apr-2010

Odds Modelling and Testing Inefficiency of Sports-Bookmakers

- *Learn RExcel, CrystalBall, ModelRisk etc. and choose R open source software to start my research.*
- *Collect the livescore and also 1x2, Asian Handicap, Over Under odds price data of 29 sportsbookmakers manually from [500WAN](#), [BET007](#) and [NowGoal](#) website and filter the odds price data from 2006 to 2011.*
- *Apply Poisson model in R to test the return of the investment. This research job is the most completed, success and the first research which write the whole odds compilation EM model and data management by refer to thousands of research papers in sportsbook odds modelling after resigned from Caspo Inc.*

paper 4.10.1 : @γσ, Eng Lian Hu (2016)

4.11 Apply Poisson regression on sports odds modelling

Jan-2007 to Jul-2007

Apply Poisson regression on sports odds modelling

- *Write own Poisson model based on what I learnt from [Stuart Doyle](#) during working in Telebiz Sdn Bhd.*
- *Due to not master in Macro VBA, I just simply recall the concept which was a spreadsheet VBA Excel file from [Paul Judge](#) for data management I accidentlly deleted few years ago.*
- *Remarks: Stuart and Paul used be Sportsbook consultants to Telebiz and setup own advisor company [SportsTrust](#) during 2009/2010.*

5. Time Line

6. Skill

Skill and Expertise

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

table 6.1 : Skill and Expertise

7. Other/Miscellaneous

I wrote an article to share about [安裝 @Studio と Shiny 服务器](#) and currently registered for studying at [Master of Computer Science in Data Science](#) and [Bachelor of Science in Computer Science](#). currently learn to setup own sportsbook hedge fund company [Scibrokes®](#)¹ which will be the first professional sportsbook hedge fund in Asia I though.

I will wrote a **shinyapp** cv some other days to easy for categorize and viewing.

You are welcome to own yours by refer to my [Personal WP Blog](#) (will be migrated to Jekyll/Hugo some other days). You are welcome to contact me at englianhu@gmail.com.

8. Social Network

Appendices

9. 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: 1.6.0.9004

- File version: 1.0.1
- File latest updated date: 2017-10-25
- Author Profile: [@yσ, Eng Lian Hu](#)
- GitHub: [Source Code](#)
- Additional session information

[1] "2017-10-25 14:11:19 JST"

Category	session_info
version	R version 3.4.2 (2017-09-28)
os	Windows 10 x64
system	x86_64, mingw32
ui	RTerm
language	en
collate	Japanese_Japan.932
tz	Asia/Tokyo
date	2017-10-25

	Sys.info
sysname	Windows
release	10 x64
version	build 14393
nodename	RSTUDIO-SCIBROK
machine	x86-64
login	scibr
user	scibr
effective_user	scibr

10. Speech and Blooper

I tried to refer to some articles and embed the GitHub main page (readme.html) to ease for reading but doesn't work.

- [Is there a way to embed github code into an iframe?](#)
- [Github gist page won't load in iframe](#)

11. References

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

P
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