Shanshan Fu

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Github: https://github.com/Shanshan-IC   My Website: https://myweb33.firebaseapp.com/

Education

Imperial College London	**Msc Computing Science**
2015 – 2016	Operating Systems, Object Oriented Design & Programming,
	C++ Programming, Algorithms, Concurrency
Wuhan University	**Bsc Geography Base Class(Focuse on GIS, GPS and RS)**
2011 - 2015	Average score(85.92%), Advanced Mathematics(96%),
	Probability Theory and Statistics(96%), Linear Algebra(88%),
	C programming(90%), Database(79%)
	Resources and Environment Management Information Design (82%)

- Develop an application called Beijing Travel Assistant based on C#

No.5 High School Quanzhou	
2008 - 2011	College Entrance Examination: Math(148/150), English(130/150)

Work Experience

Opera.com	**Assistant Product Manager**
Nov. 2014 - Jan2015	• Designed, tested prototype system to feedback further problems
	• Wrote and presented written reports to senior management team
	• "Presented" users on how they interact with their product through user testing, surveys, analytics.
	• Member of multidisciplinary team, ensuring the standard processes
Ctrip.com	**Operation Analyst Intern**
Jun. 2014 - Sep. 2014	• Organized and analyzed data, reported upon monthly and quarterly productivity analysis
	• Analysis work involving business development, products and earnings
	• Train new staff in more data analysis

Projects

- **Individual project "image analysis to the early detection of pressure ulcers"**
  Ongoing - (Based on Chelsea and Westminster Hospital(Academic Surgery)
  It focus on exploring the feasibility of using non-invasive techniques for the early detection of pressure ulcers. And develop the specific platform (PC, even mobile app if available) for nurses and doctors. Using the software, medical staff could easily to identify the early pressure ulcers by simple physical test and image.
  Futhur details: https://github.com/Shanshan-IC/MscProject
- **Developed the CS Learning Website: https://myweb33.firebaseapp.com/**
  It's based on Bootstrap, and the idea is to integrate famous computing learning websites resources to this web. However, it hasn't been finished due to the schedule.
  And an amazing part is "explore part". (https://myweb33.firebaseapp.com/explore.html)
  It is implemented by Javascript and CSS to get effects like Prezi (a great presentation software with visual storytelling).
- **Online Learning in Social Networks (Group Project)**
  Developed a plugin based on the study of Parametric Markov Chain with unknown transition probabilities. The main functionality of the web plugin is to be able to identify potential malicious

friends based on previous interactions between the user and his/her friends and return an appropriate warning message to the user when the user wants to share a post with said friends to prevent the user from sharing information that may be leaked to unintended audiences.

Skills

- Languages : C, C++, C#, Java, Python, Swift
- Web technologies: HTML, CSS, JavaScript, jQuery, PHP, MySQL, Twitter Bootstrap
- iOS development: Swift
- Android development
- Data Analysis: MATLAB, R (my rank on Kaggle is 2369th /424039)
- Operating System: Competent in use of Linux, MS Windows, Mac OS X
- Concepts : OOPs, UML, Database
- Others: Microsoft office, XMind, Prize

Achievements

- **Honorable Mention in The Interdisciplinary Contest in Modeling**
- Ranked 289/3453 in 2014 Ace-Manager Global Business
- **Participation prize in National College Mathematical Modeling Contest**
- Third-class scholarship of Wuhan University twice (No. 6 in my grade)
- **Second prize in preliminary contest of National College Mathematical Contest**
- SU YiGuang Scholarship of Wuhan University
- Basic Science Scholarship for freshmen: only 1% students got it
- Excellent Youth Volunteerism：organized classmates to visit children with autism every week
- **Performance in Kaggle.com: 2677th /362764(Current), 1581st(Highest)**

Interests

Investment　　　I predicted the China Bull Market was over successfully and avoided the loss before May last year, and now I'm learning FOREX by demo trading