Pu-Chin CHEN

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December 10th, 2016

Mr.

Dear Angela,

My name is Pu-Chin CHEN; I am currently a first-year graduate student at University of California, Los Angeles. I found the recruitment information on Prof. Hsuan-Tien's facebook. I further understand requirements of Machine Learning Scientist and what this function is doing. With my previous experiences and intention, I believe I can make contributions to Appier.

I was majoring in computer science when I was an undergraduate. This led me accumulate with strong programming abilities and project experience, especially applying machine learning principles to solve problems; As a graduate student in data science major, it's important to have knowledge about database systems. I took related course and concentrated fully on SQL and database design theories, which was a crucial step for further solving big data problems.

Since my study in Jianguo High School, I showed a great talent of math (top 4% of whole school) and physics (top 10%). During my undergraduate study, I found mathematical analysis quite interesting. Therefore, I mastered in linear algebra and even took advanced statistics. Recently, I started to learn convex optimization using online resources. Combining my background and motivation, I am confident that I can be a fast learner at Appier.

Since I am going to the United States next year, I wonder if there is any opportunity of half-year internship. I would be grateful if you can arrange an interview so that I can explain my qualification further. My contact number is 0921448810. Looking forward to hearing from you.

Sincerely,

Pu-Chin CHEN

Dear Rakuten,

My name is Pu-Chin CHEN; I am currently a first-year graduate student at University of California, Los Angeles. I found the recruitment information on campus hiring event. I further understand requirements of researcher internship and what this function is doing. With my previous experiences and intention, I believe I can make contributions to Rakuten.

I was majoring in the top computer science department in Taiwan when I was an undergraduate. This led me accumulate with strong programming abilities and project experience, especially applying machine learning principles to solve problems; As a graduate student in data science major, I consistently sharpen my knowledges in database systems and data mining, which was a crucial step for further solving big data problems.

During the data science internship in one of the biggest telecom companies in Taiwan, I directly applied my knowledge and expertise to solve critical computational issues. I also built different experimental tasks to test classification models and clustering on customer behaviors. With these important real world experience dealing with massive and messy data, I am confident that I can be a fast learner at Rakuten.

I would be grateful if you can arrange an interview so that I can explain my qualification further. My contact number is +886921448810. Looking forward to hearing from you.

Sincerely,

Pu-Chin CHEN

Sincerely,

Pu-Chin CHEN

Dear WorldQuant,

My name is Pu-Chin CHEN, graduated from NTU-CSIE. I am now studying in UCLA Data Science MS program with distance education this year in Taipei.

I especially desire of applying big data techniques into finance. During my undergraduate study, I took both big data and macroeconomics courses which inspired me quite a lot.

Since my study in Jianguo High School, I showed a great talent of math(top 4% in whole school) and physics(top 10%). Recently, I even took a short course about mathematic foundations of financial engineering given by Dr. Chi-fu Huang in NTU. I found some opportunities of big data that can be highly used in derivative market.

WorldQuant completely matches my interests and professional in programming and mathematic ability. I am convinced that I will make significant contributions to your research team and establish a mutually beneficial relationship with WorldQuant.

Best regards,

Pu-Chin CHEN

Dear Mr. Memili,

My name is Daniel Lee; I am currently a first-year graduate student at University of Tokyo. I found this internship information on KOPRA, also through a talk with Mr. Chang, I further understand this position’s requirement and what this function is doing. With my previous experiences and intention, I believe I am a suitable candidate for this position.

I was majoring in economics when I was an undergraduate. This led me get the first two internships in financial industry. The analytical skill as well as the financial knowledge were needed to complete the internships. The last one working at a German AG gave me an opportunity to direct understand how a company introducing a new strategy and predicting market future trends. Those experiences make me have the insight for business environment and also possess the ability to analyze current situation.

As a graduate student at department of technology management for innovation, it’s important to have knowledge about programming. Since undergraduate, I’ve got to know more about Excel. In order to analyzing and compiling the data such as companies’ revenue, it’s important to be familiar with those programming skills. In addition, I’ve been learning the concept of tableau and SQL through Coursera. Combining my background and motivation, I am confident that I can be a fast learner at Mercedes-Benz Finance, Japan.

I would be grateful if you can arrange an interview so that I can explain my qualification further. My contact number is 070-3993-0388. Looking forward to hearing from you.

Sincerely,

Dear Mi-Yen,

My name is Pu-Chin CHEN; I am currently a first-year graduate student at University of California, Los Angeles. I found your recruitment information on Academic Sinica’s website. After I carefully read your outstanding papers on KDD, I further understand this position’s requirement and what this function is doing. With my previous experiences and intention, I believe I can make contributions in your lab.

I was majoring in computer science when I was an undergraduate. This led me accumulate with strong programming abilities and project experience, especially applying machine learning principles to solve problems; As a graduate student in data science major, it's important to have knowledge about database systems. I took related course and concentrated fully on SQL and database design theories, which was a crucial step for further solving big data problems.

Since my study in Jianguo High School, I showed a great talent of math (top 4% of whole school) and physics (top 10%). During my undergraduate study, I found mathematical analysis quite interesting. Therefore, I mastered in linear algebra and even took advanced statistics. Recently, I started to learn convex optimization using online resources. Combining my background and motivation, I am confident that I can be a fast learner under your instruction.

Since I am going to the United States next year, I wonder if there is any opportunity of half-year research assistant opportunity. I would be grateful if you can arrange an interview so that I can explain my qualification further. My contact number is 0921448810. Looking forward to hearing from you.

Sincerely,

Pu-Chin CHEN

下面这封离开模板千里，但是我直接打电话问他的情况了，其中的一个关键是：他看了我研究组的网站，知道我的组做什么，卖点是什么。  
  
===========================  
  
Dear Dr XXXX,  
  
I am a student at XXXXX with a major in XXXX. I am a master honor student and will be graduating this December.   
  
I am planning to attend graduate school in XXXXX, with a focus on XXXXX. I have been exploring XXXX graduate programs when I am working on XXXX project, and I am particularly interested in your research interest, XXXX.  
  
I hope you don’t mind my getting in touch, but I’d like to inquire whether you are currently accepting PhD students. If you are, would you willing to talk to me a bit more by email. **I have explored your website in detail**, and it seems like an excellent fit for me because of its emphasis on XXXX.  
  
I know you’re very busy so I appreciate any time you can reply me. Thanks very much,  
  
Sincerely,

再来看个印度学生的套磁信，信件写的很感人，但是可能印度IIT的统一模板就是这个，因为差不多到了每年某个时候，我就可以收到一大堆这种架构的信。其实内容还是很勾人的呢。  
  
Dear Professor XXXXX,  
  
**I read your paper 'XXXXXXXXXXXXX' and the experience was quite overwhelming as well as enriching.**  
  
（你看，我知道你的亮点文章，其实谁知道看没看呢。）  
  
I am a pre-final year undergraduate student at Indian Institute of Technology (IIT) XXXX, India pursuing my B.S-M.S Dual degree in XXXX. While browsing through your profile, I came to know about your Research work.  
  
I have had quite a few research experiences in past which include research internships with **Princeton University (U.S.A)**, **IBM research (India)** and **University of Greifswald** (Germany).  
  
（牛校走过一番啊，营造出哄抢气氛：你不要我，有的是人要我呢。）  
  
I wish to pursue a research project under your guidance/or otherwise would be glad even if I could assist you in any currently ongoing project during XXX . I am interested and enthusiastic to carry out productive research so as to enhance and exploit my skills and to contribute positively to the research going on in these fields. **I think that my efforts and new ideas could be quite helpful to what the project/research topic demands.**  
  
（我对你干的事情会有帮助的呢：说不定有new idea哦）  
  
**I tried to contact you a few months back also but there was some issues with my email server leading to some difficulties in receiving emails.**  
  
（前几个月我EMAIIL过你的，但是你没理我，算啦，我就给你个台阶，说也许我大学邮件服务器不给力：给老板造成内疚感，你不理我！其实呢，老板也记不清是不是收到过了，一般都删除的，对吧？）  
  
Should you require any more information, I would be glad to provide. My Curriculum Vitae is attached along with for your kind perusal.  
  
Thanking you for your kind consideration and looking forward to receiving your favorable response on the subject.  
  
Best Regards,  
===========================  
  
平心而论，这封套磁信属于典范级别的了。不过由于IIT的学生差不多每人都这个套路，许多老板都看厌倦了，所以你还是需要小心使用。按照思路，自己改编个具有中国特色的吧。

Hi Weijan ~

Dear Weijian, I found that you worked at Scalable Analytics Institute, where I want to join during my graduate study. Do you think it worth joining ScAi for accumulating research experience? I know you are busy, so I would be very grateful if you can give me any advice about ScAi. Thanks

cThanks for your confirmation. I feel really fortunate that you are the guy who can help me quite a lot since I have hard time collecting enough information about ScAi and professors only on their websites.

1. Can any graduate student join ScAi? I planned to accumulate research experience in data mining with one professor at least one year there. I especially want to choose John Cho, Yizhou Sun or Wei Wang as my advisor, and then apply and become one of their Ph.D. students.
2. I found that Cho is a really nice guy, Yizhou Sun is a young assistant professor having high motivation to produce papers, and Wei Wang is professional in data mining. But among these professors, I can only find Cho’s students in his website. I am curious about how they treat their MS/PhD students. Do you recommend doing data mining research with any of them? Are there any other professors or labs concentrate on data mining/machine learning and have good reputation for treating their students in UCLA? Since you have 1.5 years of working experience in ScAi and your MS major is data science in CMU, your advice will be quite invaluable for me! I really appreciate your patience and wish you success in your future career!

Merry Xmas & Happy New Year!

Dear Weijian, Thank you for your prompt response. I am so thankful for these advice, which is what I really need! There are some follow up questions I came up with: 1) My main objective is enhancing opportunities of applying PhD in UCLA. Do you think Wei or Cho will recruit new PhD students in 2017 based on their funding and student numbers as far as you know? Also, according to their characteristics, if I work hard with Wei or Cho for one year, who will be more welcome to accept me as their new PhD student? 2) Actually, I love math even more than programming, especially linear algebra and statistics, and I've noticed you had double major in mathematics. Will you recommend doing data mining research with Wei if I want to work with lots of math? Or doing ML, AI with Zhu or Darwiche? 3) In addition, how did you know I am also interested in Songchun Zhou! It's quite magic! I know he has high reputation in CV with 3 Marr prize and carefully read on his website. But I don't know how he treats his students in reality. I found some scaring information on zhihu like the picture below. Did you have friends who joined his lab and recommended him as supervisor? Thanks!

Dear Tongtong, I found your information on Sayed's website and noticed your talent in data analysis. I planned to take EE210A but lack enough information. I know you're busy seeking full-time job, so I would be very grateful if you can give me advice about Sayed's course. Thanks.

Hi Tong ~ Thanks for your confirmation. Do you think it worth taking Sayed’s Adaptation and Learning if I want to improve data analytic skills and maintain good GPA in the same time? After carefully watching his video lectures, I assumed he is passionate at teaching and hardworking on his materials, and this course introduction seems excellent:<http://www.msol.ucla.edu/ee-210a-course-overview/> . However, Sayed has very low ratings and notorious reviews on Burinwalk. (e.g. <http://www.bruinwalk.com/professors/ali-h-sayed/el-engr-210a/>) Combined with your expertise at data analytics and being Sayed’s MS student, what’s your opinions about his course quality and grading criteria? Is it better to just take both Wei Wang’s CS249 and Ameet Talwalkar’s CS260 compared with Sayed’s EE210A? Your advice will be quite invaluable for me! I really appreciate your patience and wish you success in your future career!!!

Dear Chu-Cheng,

Thank you for your confirmation!

My name is Pu-Chin CHEN; I was graduated from NTU-CSIE, and I am currently a first-year graduate student majoring in data science at UCLA. I found your information on Cho’s personal website, and felt really fortunate that you are the one who can help me quite a lot since I had a hard time collecting enough information of being Cho’s PhD students only through websites.

Based on your extensive industrial experience, is it necessary to accumulate solid skills through PhD training to become a data science/machine learning leader like you at IT industry? Will a DS/ML PhD student have “significant” more advantages in industries than a MS student with 5 years DS/ML working experience? If so, will you recommend choose Cho as PhD advisor? I plan to do big data research at scalable analytic institute for at least one year, and then apply PhD. I especially interested in working with John Cho, Wei Wang or Yizhou Sun. Although I am interested in Wei’s works more than Cho’s, I took Cho’s course and knew he was a nice guy caring students a lot, which is an important characteristic of PhD career. How about the flexibility of Cho for choosing PhD research topics? Does he often have enough funding? Is it happy to work with him?

Your advice will be quite invaluable for me! I really appreciate your patience and wish you success in your future career!

Thanks & Happy New Year!

Join ScAi under your guidance

Dear Professor Cho,

After I took your database course last quarter, I . Then I carefully browsed through your profile, coming to know about your research work. I especially interested in mining large-scale digital information generated by users to discover interesting patterns behind it.

I am currently a first-year graduate student majoring in data science. I found that Scalable Analytics Institute has ideal environment for me to do big data research.

I wish to pursue a research project in ScAi under your guidance/or otherwise would be glad even if I could assist you in any currently ongoing project during my graduate study. I am interested and enthusiastic to carry out productive research so as to enhance and exploit my skills and to contribute positively to the research going on in these fields. **I think that my efforts and new ideas could be quite helpful to what the project/research topic demands.**

**I read your paper 'XXXXXXXXXXXXX' and the experience was quite overwhelming as well as enriching.**  
  
（你看，我知道你的亮点文章，其实谁知道看没看呢。）  
  
I am a pre-final year undergraduate student at Indian Institute of Technology (IIT) XXXX, India pursuing my B.S-M.S Dual degree in XXXX. While browsing through your profile, I came to know about your Research work.  
  
I wish to pursue a research project under your guidance/or otherwise would be glad even if I could assist you in any currently ongoing project during XXX . I am interested and enthusiastic to carry out productive research so as to enhance and exploit my skills and to contribute positively to the research going on in these fields. **I think that my efforts and new ideas could be quite helpful to what the project/research topic demands.**  
  
（我对你干的事情会有帮助的呢：说不定有new idea哦）  
  
Should you require any more information, I would be glad to provide. My Curriculum Vitae is attached along with for your kind perusal.  
  
Thanking you for your kind consideration and looking forward to receiving your favorable response on the subject.

**I have explored your website in detail**, and it seems like an excellent fit for me because of its emphasis on XXXX.  
  
I know you’re very busy so I appreciate any time you can reply me. Thanks very much,  
  
  
Best Regards,

1. optimized database systems

2. analyzed customer life style

3. designed features for churn model

Initiated and instructed Linux and Git workshops for a 200+ enrolled students class, improving learning efficiency from students' feedbacks.

Resolved students' questions in a timely manner.

Developed grading tools by Linux for programming assignments.

Please see my resume for detail description

1. Communicated with business partner

2. Designed database schema

3. Constructed NoSQL database systems