Jeng-Ru Wu

Hi, David. I have listed some backgrounds of mine in this file. For more detail information, please refer to my resume.

Education

1. Professional Certificate in CS @UW-Madison (2020-2021)
2. Bachelor’s in International Business/Interdisciplinary program in quantitative finance @National Taiwan University (2016-2019)

Work Experience

1. Co-founder @Enspiration Technology (2020-)
2. Management trainee, Operations Excellence/SCM @DB Schenker Singapore (2019-2020)
3. Analytics intern @HoinTech (family business) (2018)

Scores

1. GRE: 338 (V169/Q169/AW4.5)
2. TOEFL: 114 (R30/L30/S25/W29)
3. GPA: 4.05 out of 4.30 (WES 3.88 out of 4.0)

Extracurricular

1. Director of operations @ large-sized performance night
2. Project/event manager @ mid-sized volunteer club
3. 2 business competition (1 asset management related/ 1 market research related)
4. 6 volunteer experience (2 immigrants related/1 education related/3 international student related)
5. Attended language schools in 2 countries (Thailand/Indonesia) during summer/winter vacations

Career goals

I want to work in IT industry in the US for a while (preferably in software development) to gain experience, and finally return to Asia to start a startup. As for my start up, I would like to help traditional businesses, such as retail stores or factories, to become more competitive under the globalization trend. I feel like many companies in Taiwan are competitive in their diligence and quality, but are often overlooked because they aren’t adopting the right technologies or tools.

Ideas for SOP

I would like to mention in my SOP that I like to use technologies to solve problems.

1. I learned some basic programming in college by myself to finish some assignments, which would take years to finish without computer’s help.
2. Then I joined the interdisciplinary program of quantitative finance, where I learned to apply all kinds of math models and programming to price all kinds of financial assets.
3. I was an analytics intern in my aunt’s company, where I used all kinds of tools (statistical modeling, programing, data visualization) to help solve some long-standing problems faced by the company.
4. After graduation, I moved to Singapore and joined DB Schenker (top-ranked logistics company) as a management trainee in operations excellence. I was responsible for data analysis and visualization, process improvements, process automation, digital transformation project management, information system architect. Basically, I did my best to introduce new engineering methods, algorithms and technologies to move the traditional company towards a bright future.
5. However, I soon discovered my background isn’t technical enough to provide the most optimal solutions for some problems. Thus, I enrolled in UW-Madison to pursue a certificate in computer science to gain more knowledge, and resigned from DB Schenker. Meanwhile my friend and I founded a startup in Taiwan. We aim to help some potential retail business and factories on their digital transformation journey. Our first clients are some of my relatives who own a dumpling store, a butcher shop and a machine-parts export business. I want to show them that even the most traditional business could benefit from going digital. (Maybe I could also mention some challenges I face in my startup that drive me to apply for a Master’s )

Target Schools

***IEOR***

1. Stanford MS&E <https://msande.stanford.edu/admissions/graduate/ms-admission>

***IS/IM***

1. NYU MSIS <https://cs.nyu.edu/home/master/prospective_msis.html>
2. Cornell Tech MSIS Connected Media <https://tech.cornell.edu/admissions/ms-in-is-application/>
3. CMU MSIM-16 <https://www.heinz.cmu.edu/programs/information-systems-management-master/>
4. Cornell MPS IS <https://gradschool.cornell.edu/academics/fields-of-study/subject/information-science/information-science-mps-ithaca/>
5. UC Berkeley MIMS <https://www.ischool.berkeley.edu/programs/mims>

***CS***

1. UPenn MCIT [cis.upenn.edu/graduate/program-offerings/master-of-computer-and-information-technology/requirements/](http://cis.upenn.edu/graduate/program-offerings/master-of-computer-and-information-technology/requirements/" \t "_blank)
2. UChicago MPCS <https://masters.cs.uchicago.edu/page/about>
3. NEU CS Align <https://align.khoury.northeastern.edu/>

***BA***

1. MIT MSBA <https://mitsloan.mit.edu/master-of-business-analytics>
2. UCLA MSBA <https://www.anderson.ucla.edu/degrees/master-of-science-in-business-analytics>
3. Georgia Tech MSA <https://www.analytics.gatech.edu/>
4. UChicago MSA <https://grahamschool.uchicago.edu/academic-programs/masters-degrees/analytics>
5. Columbia MSBA <https://gradengineering.columbia.edu/graduate-admissions/application-requirements>
6. Northwestern MSiA <https://www.mccormick.northwestern.edu/analytics/>
7. USC Applied Data Science <https://viterbigradadmission.usc.edu/programs/masters/msprograms/data-science/ms-applied-data-science/>

Other Schools

***MSIS***

1. UMich MSI <https://www.si.umich.edu/programs/master-science-information>
2. UIUC MSIM <https://ischool.illinois.edu/degrees-programs/ms-information-management>
3. UW MSIM <https://ischool.uw.edu/programs/msim>
4. UTA MSIS <https://www.ischool.utexas.edu/programs/master-science-information-studies>

***BA***

1. USC Analytics <https://viterbigradadmission.usc.edu/programs/masters/msprograms/industrial-systems-engineering/ms-analytics/>
2. UTA MSBA <https://www.mccombs.utexas.edu/Master-of-Science-in-Business-Analytics>
3. USC MSBA <https://www.marshall.usc.edu/programs/specialized-masters-programs/master-science-business-analytics>
4. UMN MSBA <https://carlsonschool.umn.edu/degrees/master-science-in-business-analytics>