CV & SOP 工作坊

双十一居然可以这样过！

郝鸿涛，2023-11-11

I graduated with a Master's degree in Media Arts and Sciences from the Media School of Indiana University in 2020, advised by Dr. Nicole Martins . From August 2020 to August 2021, I volunteered as a research assistant for YY . I earned my first Master's degree in Journalism from Renmin University of China, Beijing. I am now a second-year PhD student in Computer Sciences at the University of Wisconsin-Madison.

Curriculum Vitae

这是郝鸿涛的个人主页。2016 年从河北师范大学英语翻译专业毕业后，我到中国人民大学读硕士（国际新闻班），随后在美国印第安纳大学媒体学院读第二个硕士 ，于 2020 年 5 月毕业。毕业后的一年帮安用烈老师 做了一些杂活 。目前在威斯康星计算机学院读博。最骄傲的一件事是在 2015 年第一届"外研社杯"全国英语阅读大赛中获奖 。最难忘的一次经历是 2017 年参加瑞士圣加仑论坛 。自律、喜静、极简。

注意事项

- 只针对北美学术型硕士博士申请

- 文书是一个很个性化的产出，不同的人有不同的偏好，我只是讲出我比较熟悉和认可的风格。盲从有风险，照搬需谨慎。

活动安排

- 一小时讲解

- 剩下时间答疑

个人简历 CV

CV or Resume

- Resume 一般是工业界求职用，一般一页纸

- CV 一般学术用，不限页数 （留学申请的话一般 2-3 页，当然可以更多）

CV 范例

- 我把很多 CV 按照模版分类：https://github.com/hongtaoh/cv_emulate

- 我一般推荐 Medium Length CV (One column or Two columns)

- 我申请时用的简历：https://hongtaoh.com/cn/2021/10/21/us-phd-app-advice/

如何使用 Overleaf 制作简历

- 拿我的做例子： https://www.overleaf.com/read/kbsptpgghhgc#df6350

简历里都放什么内容

- Contact Information (necessary: email; optional: homepage, address, phone)

- Research Interests (Optional)

- Education

- Research Experience

- Publications (if any, conference presentations may also count, such as NCA, ICA, AEJMC)

- Portfolio Projects (e.g., course projects)

- Teaching Experiences (if you have been a TA)

- Working Experience (if you have working, internship or RA experiences)

- Honors & Awards (奥运会金牌、诺贝尔奖之类放这里就行)

- Service (if you have served as reviewers)

- Skills

CV 项目顺序

- 因人而异

- Contact 最先，然后是 Education, Research Experience, Skill 在最后，中间的按照自己的喜好排就可以

- 最突出、最重要、最引以为傲的放在前面

Education 放什么

- School (City, Province/State, Country)

- Degree & Year of completion (if ongoing, list the expected graduation year)

- GPA & Ranking

- Advisor/Committee

- Relevant Coursework

项目/实习/科研/工作

- 每一条要列出小的点，要具体。

- 不仅要说你做了什么，尽量还要说有什么结果/成果

- 每一个小点都是一个短语，而不是一个完整的句子

- 动词用过去式

- 一定要多写。一定要写得具体

其他

- 写简历的过程让你思考自己哪里需要提高

- 荣誉：如果你觉得招生老师都不太认识的，没必要列太多，放几个最重要的

目标陈述 SOP

经验贴

- https://hongtaoh.com/cn/2021/10/21/us-phd-app-advice/

- 里面包含我的申请材料，以及我过往的视频，还有一些其他博主的推荐

- https://www.bilibili.com/video/BV1Na411H7yN/ (金吉拉着我做的视频其中一期)

SOP 的结构和内容

- 开头：你想做什么研究。越简短越好。1-3句话，一段。

- 你之前做过什么研究。1-2 个段落，也可以多。如果你之前做的和之后想做的很一致，可以稍微多写一些，如果之前的和出国后想做的不一样或者你是转专业的，就不用着墨过多。例外：如果你之前的研究很有创新性或者得到了奖。

  - 如果你之前没有做过研究，那你要具体说一下为什么你想要做研究，申请硕博士

- 1-3 个段落写你硕/博期间的科研计划。一般而言是两三个具体的科研项目想法。

  - 每一段可以这么写：一句话总结这个想法。然后具体展开，比如，为什么这个想法重要，之前的研究有哪些不足，你打算具体怎么做等等

- 为什么上面的计划必须要你来做？你要证明你的经历足以让你开展上面提到的科研计划。你可以提你上过的课，你之前的科研经历，你的兴趣爱好，独特的经历背景等等

- 为什么上面的计划必须在你们学校做。这里要提两到三位老师。要非常细致地说明你们的兴趣有什么共同点，他们为什么能指导你，更好的是，你能说明你能给这些老师或者这个学院带来什么。

- 你的职业规划。比如是要去当教授还是去业界。这个不是必须的。

SOP 范例

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开头段 (1-3 句话总结你想做什么研究)

I am applying for the PhD program in Computer Sciences at the University of Wisconsin-Madison to pursue my interest in promoting reproducible research, advancing the means of scientific communication, and creating data visualizations that are easier for people to understand.

SOP 范例

之前的研究

I began my graduate career at Renmin University of China, where I focused on international communication and the digital divide. I evaluated the outcome of China's media "Go Global" strategy, and examined how the emerging digital divide contributed to rural-urban educational inequality. Feeling restricted by qualitative research, I decided to obtain training in quantitative methodology by pursuing a second master's degree in the United States. At Indiana University, I conducted three studies on selfies. I compared White and Chinese women's selfies from the perspective of self-sexualization, investigated gender stereotypes in Chinese women and men's selfies, and explored factors associated with selfie-editing. My research output is four peer-reviewed conference presentations, one of which won a top student paper award.

连接

- 过去的研究和现在的研究要连接起来。好好想一下，总会有连接。对转专业的同学，实在想不出来，你也要想一下为什么要来转专业

SOP 范例
过去和现在的承接

The studies I have done exposed me to problems in quantitative social science research: a lack of transparency in data construction and analysis, the prevalence of false positives, visualizations that are difficult for people to interpret, and the outdated means of communicating scientific findings. Through a PhD in Computer Sciences, I hope to help solve these issues.

SOP 范例
未来的研究计划

First, I plan to promote reproducible research by making Bayesian statistics and multiverse analysis more accessible. Bayesian data analysis is an alternative to the traditional statistical methods widely in use today that is characterized by the over-reliance on p values (Kruschke, 2010). I plan to contribute to a move to modern Bayesian statistics by getting a deeper understanding of the subject myself and developing tools that make it easier for people to use in their own research. For example, I may create an interactive interface to help scholars set priors. I also seek to make Bayesian analysis faster to run. Bayesian approaches can be quite computationally expensive, whereas data that scientists analyze is becoming increasingly large. Training in data management will help me find ways to accelerate the analysis.

SOP 范例
前期准备（你提到的未来研究计划为什么你可以胜任）

My previous training and research experiences have prepared me well for my proposed PhD studies. Three statistics courses I have taken, including one on Bayesian data analysis, allowed me to apply basic quantitative methods to my research independently, as demonstrated in my four solo-authored conference papers. Additionally, I have developed skills in processing and visualizing large data sets using Python and JavaScript (D3.js) as a research assistant for Professor Yong-Yeol Ahn on his Coronavirus Trend Visualizations project, and through doing a team project that analyzed 120 years of Summer Olympics, which I displayed as an interactive article online. Out of a passion for teaching, I have created fifty blog posts and three tutorial websites, which increased my front-end development proficiency. (For a complete list of my projects, please visit https://hongtaoh.com/en/projects/.)

SOP 范例

学校匹配

The Department of Computer Sciences at UW-Madison is my first choice because of its faculty members, and the opportunity to carry out interdisciplinary research at the school level. In the department, I plan to work with Professor Yea-Seul Kim and Michael Gleicher. Professor Kim has been a pioneer in exploring uncertainty visualization and in modeling how people perceive visualized data. I would like to work with her on comparing the effectiveness of different approaches to communicating uncertainty and on exploring new techniques to create visualizations that enable people to update their beliefs more accurately when presented with large data sets. This line of research will also benefit from working with Professor Gleicher, as he is an expert on data visualization and computer graphics. In addition, faculty in the Data Science research group will provide valuable guidance on my attempts at speeding up Bayesian data analysis and multiverse analysis. Another helpful resource for me is the newly founded School of Computer, Data & Information Sciences (CDIS), which allows me to learn Bayesian methods at the Department of Statistics, and to innovate the means of scientific communication by taking courses at the iSchool.

SOP 范例
未来职业规划

After my PhD, I am not sure whether I will go to the industry or academia. Upon graduation, I will choose the one that allows me to help more people and make more positive changes with my expertise I will develop at the CS Department.

- 完整版 sop: https://hongtaoh.com/files/wisconsin-cs.pdf

关于 SOP 的一些问题

SOP 怎么修改

- ChatGPT

- quillbot

- 微信群里大家可以组对，同专业/方向的可以互相改

- fiverr

- 某宝？

SOP 可以放参考文献吗

- 可以但不要太多。不用参考文献最好

SOP 的长度

- 除非学校有硬性要求，一般 700-1000 正好。（偷偷说一句，即使要求 500 以内，一般写 700 也没问题，500 确实有点少。但 uc davis 那种必须只能输入多少字母的那种，是没办法超的）

能不能为了进一个学校而改动自己的研究兴趣以和学校/老师匹配

- 这个自己决定就好。我的建议是申请自己真正喜欢的，如果不知道喜欢什么，那根据学校来写研究兴趣也是可以的。

SOP v.s. CV

• 简历里提到的就没有必要在sop 里说太多

其他建议

个人网站

- 教程：https://hongtaoh.com/cn/2021/03/02/personal-website-tutorial/

- 这样你可以多放一些东西进去，比如课程项目

感谢！

答疑环节