|  |  |
| --- | --- |
| **周思佳**  **个人信息**  性别：女 年龄：23  电话：17775745420  邮箱：773580988@qq.com | **荣誉奖项**  大学生创新创业训练计划项目二等奖 2017.04  美国数学建模大赛H奖 2017.02  国家奖学金 2015.10  吉林省数学建模大赛一等奖 2015.05 |
| **教育经历**  2014年9月- 2018年7月 吉林大学 数学学院  信息与计算科学本科 保险精算双学位 专业第三名，绩点是3.61/4.0，96人中第3名。 | |
| **工作经历**  **湖南千视通信息科技有限公司**  2019.5-至今  •聚类:数据分类、聚类。实现千万级高维特征向量的可增量实时聚类  •人体、人骑车角度分类，人头检测，人脸追踪，猫狗识别，数据爬虫等  **工作期间学习**  •Stanford计算机课程： cs 131, cs 229(部分) , cs230, cs231，  完成课后作业&课件&课程视频。学习了解计算机视觉，神经网络，机器学习等内容。  •期间阅读的部分paper见注一  **活动经历**  **组织校园模拟招聘**  2016.05  •参与策划设计活动海报，安排面试环节  •发起公开招聘，活动包括简历投递和英文面试  **撰写表演英语剧**Mind Your Language 2014.12-2015.01  •通过文字和发音表现各国语言和文化冲突  •与成员合作撰写,修改剧本台词,组织小组排练和舞台表演  **吉林大学校管弦乐团**  2014.09-2015.09  •参与数十场校园音乐会巡演，并在东方大剧院演出  **开展学生最喜爱名人的调查**2014.09  •分为科学家，政治家，政治家，艺术家和明星等几类  •通过校园问卷获得近百个有效原始数据  •分类整理数据，制作条形图等对比分析，进一步讨论学生的喜好与他们未来选择职业是否存在联系  注二：期间阅读的部分paper   1. E. Reinhard, M. Adhikhmin, B. Gooch, and P. Shirley, Color transfer between images, IEEEComput. Graph. Appl., 21 (2001), pp. 34–41.   [2] F. Piti´e, A. Kokaram, and R. Dahyot. Automated colour grading  using colour distribution transfer. Journal of Computer Vision and  Image Understanding, February 2007.  [3] Pitié, F, Kokaram, A. (2007). The linear Monge-Kantorovitch colour mapping for example-based colour transfer. IET Conference Publications. 1 - 9. 10.1049/cp:20070055.  [4] J. Delon, Midway image equalization, J. Math. Imaging Vision, 21 (2004), pp. 119–134.  [5] Ferradans, S., Papadakis, N., Peyré, G., and Aujol, J.-F. 2014.  Regularized discrete optimal transport.  [6] Rabin, Julien, Delon, Julie and Gousseau, Yann. Regularization  of transportation maps for color and contrast transfer. Paper presented at the meeting of the ICIP, 2010.  [7] Rabin, Julien, Sira Ferradans, and Nicolas Papadakis. Adaptive  color transfer with relaxed optimal transport. Image Processing (ICIP),2014 IEEE International Conference on. IEEE, 2014. [8] Frigo O, Sabater N, Demoulin V, Hellier P. Optimal transportation for example-guided color transfer. In: Computer vision – ACCV 2014.  [9] N. Bonneel, M. van de Panne, S. Paris, and W. Heidrich, Displacement interpolation using agrangian mass transport, ACM Trans. Graph., 30 (2011), 158.  [10] Santambrogio, F.: Optimal Transport for Applied Mathematicians. Birkhäuser Verlag, Basel 2015.  [11] McCann, N. Guillen, Five lectures on optimal transportation:  geometry, regularity and applications 2010.  [12] Montavon, Grégoire, Klaus-Robert Müller, and Marco Cuturi.  Wasserstein training of restricted Boltzmann machines. Advances in Neural Information Processing Systems. 2016. | **科研经历**  **加拿大Mitacs科研实习**  2017.07-2017.09  •在加拿大阿尔伯塔大学进行“最优运输及其在颜色迁移和机器学习方面应用”研究  •通过阅读书籍文献，MATLAB编程等进行研究学习，定期与指导老师交流阶段研究成果与进一步研究方向  •项目中后期，组织参与来自多个国家百余名师生的成果展示与讨论会，撰写学习课题全英文总结报告  •期间阅读的部分paper见注二  **金融衍生品定价的数值方法**2016.06-2017.04  •小组课题入选大学生创新创业训练计划项目  •研究分析了行业常用的金融产品定价方法的优缺点，例如B-S定价模型；通过改变边界形式改进算法，分析证明其可行性与稳健性  •撰写项目任务书，并充分准备终期答辩  **实习经历**  **长沙麓谷资本管理公司**  2018.01-2018.02  •实习过程中，通过跟进公司正在关注和沟通的投资项目，了解创业投资的基本过程  •学习阅读商业计划书，总结潜在投资项目的特点  注一：期间阅读的部分paper   1. Isola, Phillip & Zhu, Jun-Yan & Zhou, Tinghui & Efros, Alexei. (2017). Image-to-Image Translation with Conditional Adversarial Networks. 5967-5976. 10.1109/CVPR.2017.632. 2. Redmon, Joseph & Farhadi, Ali. (2018). YOLOv3: An Incremental Improvement. 3. Zhou, Bolei & Khosla, Aditya & Lapedriza, Àgata & Oliva, Aude & Torralba, Antonio. (2016). Learning Deep Features for Discriminative Localization. 10.1109/CVPR.2016.319. 4. Srivastava, Nitish & Hinton, Geoffrey & Krizhevsky, Alex & Sutskever, Ilya & Salakhutdinov, Ruslan. (2014). Dropout: A Simple Way to Prevent Neural Networks from Overfitting. Journal of Machine Learning Research. 15. 1929-1958. 5. Goodfellow, Ian & Shlens, Jonathon & Szegedy, Christian. (2014). Explaining and Harnessing Adversarial Examples. arXiv 1412.6572. 6. Goodfellow, Ian & Pouget-Abadie, Jean & Mirza, Mehdi & Xu, Bing & Warde-Farley, David & Ozair, Sherjil & Courville, Aaron & Bengio, Y.. (2014). Generative Adversarial Nets. ArXiv. 7. Redmon, Joseph & Divvala, Santosh & Girshick, Ross & Farhadi, Ali. (2016). You Only Look Once: Unified, Real-Time Object Detection. 779-788. 10.1109/CVPR.2016.91. 8. Kingma, D., & Ba, J..(2014).Adam: a method for stochastic optimization. Computer ence. 9. Helmbold, D.P., & Long, P.M..(2016).Surprising properties of dropout in deep networks. 10. Gatys,L.A.,Ecker,A.S., & Bethge, M..(2016).Image Style Transfer Using Convolutional Neural Networks.Computer Vision & Pattern Recognition.IEEE. 11. Shi, W., Caballero, J., Theis, L., Huszar, F., Aitken, A., & Ledig, C., et al.(2016).Is the deconvolution layer the same as a convolutional layer?. 12. Zeiler, M.D., & Fergus, R..(2013).Visualizing and Understanding Convolutional Networks.European Conference on Computer Vision.Springer International Publishing. 13. Simonyan, K., Vedaldi, A., & Zisserman, A..(2013).Deep inside convolutional networks: visualising image classification models and saliency maps.Computer ence. 14. Dumoulin, V., & Visin, F..(2016).A guide to convolution arithmetic for deep learning. 15. Huang, G., Liu, Z., Maaten, L.V.D., & Weinberger, K.Q..(2017).Densely Connected Convolutional Networks.CVPR.IEEE Computer Society. 16. Ioffe, S., & Szegedy, C..(2015).Batch normalization: accelerating deep network training by reducing internal covariate shift. 17. Kaiming, H., Georgia, G., Piotr, D., & Ross, G..(2017).Mask r-cnn.IEEE Transactions on Pattern Analysis & Machine Intelligence, PP, 1-1. 18. Zhu, J.Y., Park, T., Isola, P., & Efros, A.A..(2017).Unpaired image-to-image translation using cycle-consistent adversarial networks. 19. Ledig, C., Theis, L., Huszar, F., Caballero, J., Cunningham, A., & Acosta, A., et al.(2016).Photo-realistic single image super-resolution using a generative adversarial network. |