

Haozhe Xie

Curriculum Vitae

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Education

- 2017–Present **Ph.D. Candidate in Computer Science**, Harbin Institute of Technology.
- 2015–2017 **M.Eng. in Computer Engineering**, Harbin Institute of Technology.
- 2011–2015 **B.Eng. in Software Engineering**, Hefei University of Technology.

Publications

- 2018 **Weighted Voxel: a novel voxel representation for 3D reconstruction.**
Haozhe Xie, Hongxun Yao, Xiaoshuai Sun, Shangchen Zhou, Xiaojun Tong.
International Conference on Internet Multimedia Computing and Service (ICIMCS), 2018.
Review of drug repositioning approaches and resources.
Hanqing Xue, Jie Li, Haozhe Xie, Yadong Wang.
International Journal of Biological Sciences, 14(10): 1232-1244, 2018.
- 2017 **A survey of dimensionality reduction techniques based on random projection.**
Haozhe Xie, Jie Li, Hanqing Xue.
arXiv preprint arXiv:1706.04371, 2017.
- 2016 **Comparison among dimensionality reduction techniques based on Random Projection for cancer classification.**
Haozhe Xie, Jie Li, Qiaosheng Zhang, Yadong Wang.
Computational biology and chemistry, 65: 165-172, 2016.
A network-based pathway-expanding approach for pathway analysis.
Qiaosheng Zhang, Jie Li, Haozhe Xie, Hanqing Xue, Yadong Wang.
BMC Bioinformatics, 17: 231-241, 2016.

Projects

- 2015–Present **Verwandlung Online Judge.**
It is a cross-platform online judge system based on Spring MVC framework and ActiveMQ, where JNI is incorporated with Windows API and POSIX API to watch over resources occupied by programs.
🌐 GitHub 🌐 Website
- 2017 **Similar Patient Finder.**
It is a web-based molecular level aided diagnosis tool, is aimed at helping physicians explore the patients' similarity at the molecular level and facilitate prescription making.
🌐 GitHub
- 2016 **Hyperspectral Image Management System.**
It is a web application integrated with ArcGIS Server and ENVI, which provides target marking, target detection and spectral identification functions.
- 2015 **XX-Net**, the top 5 contributors.
It is a free cross-platform desktop application that delivers fast, reliable and secure access to the open internet for users in censored regions. It uses Google App Engine as a proxy server through the firewall.
🌐 GitHub

Skills

Basic CUDA, JavaScript, Hadoop

Intermediate C, C++, Qt, C#, MySQL, HTML, CSS

Advanced Java, Python, PHP, Linux, Git

Honors

2017 **Outstanding Graduates**, *Harbin Institute of Technology.*

2016 **National Scholarship**, *Ministry of Education of the People's Republic of China.*

2015 **Outstanding Graduates**, *Hefei University of Technology.*

2013 **MediaTek General Scholarship**, *MediaTek Inc.*