

# XUANWU YUE 岳轩武

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## Education :

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- The Hong Kong University of Science and Technology | PhD, CSE 2016 - 2020
- Supervisor : **Prof. Huamin Qu.**
- Shandong University | Bachelor of Engineering, Software Engineering College 2012 - 2016
- GPA : 89.29 / 100 Rank : 4 / 299

## Research / Working Experience :

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- Senior Data Analyst | Nanjing AI Institute, **Sinovation Ventures** 2019.07 - Present
- Conducting research on visual analytics of quantitative trading and market analysis.
- Software Developer | **Network Security Research Lab**, Qihoo 360 2015.12 - 2016.03
- Developed visual analysis system towards enormous security NetFlow data and WHOIS information.
- Intern Student | Computer Graphics Lab, The University of Hong Kong 2015.07 - 2015.09
- Supervised by **Prof. Wenping Wang.**
  - Series of research about the combination of dimensionality reduction algorithms with visual patterns.
- Intern Student | Visualization and Visual Analytics Group, Peking University 2015.01 - 2015.03
- Supervised by **Prof. Xiaoru Yuan.**
  - Proceed complements and research analysis correlated to the spatial and temporal data.
- Research Assistant | Visualization Lab, Shandong University 2014.08 - 2015.10
- Supervised by **Prof. Baoquan Chen.**
  - Conducted a series of research on visualization of multidimensional data.
- Research Assistant | HPC Lab, Shandong University 2014.04 - 2014.09
- Supervised research project in MIC and SCIF under the supervision of **Prof. Weiguo Liu.**

## Publications :

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- **Xuanwu Yue**, Qiao Gu, Deyun Wang, Huamin Qu, Yong Wang. iQUANT: Interactive Quantitative Investment Using Sparse Regression Factors. In *Computer Graphics Forum (Proceedings of EuroVis 2021)*, Jun. 2021.
- **Xuanwu Yue**, Jiaxin Bai, Qinhan Liu, Yiyang Tang, Abishek Puri, Ke Li, Huamin Qu. sPortfolio: Stratified Visual Analysis of Stock Portfolios. In *IEEE Transactions on Visualization and Computer Graphics (Proceedings of IEEE VAST 2019)*, Jan. 2020.
- **Xuanwu Yue**, Xinhuan Shu, Xinyu Zhu, Xinnan Du, Zheqing Yu, Dimitrios Papadopoulos, Siyuan Liu. BitExTract: Interactive Visualization for Extracting Bitcoin Exchange Intelligence. In *IEEE Transactions on Visualization and Computer Graphics (Proceedings of IEEE VAST 2018)*, Jan. 2019.
- Qing Chen, **Xuanwu Yue**, Xavier Plantaz, Yuanzhe Chen, Conglei Shi, Ting-Chuen Pong, Huamin Qu. ViSeq: Visual Analytics of Learning Sequence in Massive Open Online Courses. In *IEEE Transactions on Visualization and Computer Graphics*, Mar. 2020.
- Lian Chen, Qiao Gu, Haotian Li, Chengzhong Liu, Huamin Qu, Hang Yin, **Xuanwu Yue**. PreserVis, a Visual Analytic System for Traffic and Pollution Patterns. In *Proceedings of IEEE Conference on Visual Analytics Science and Technology (VAST'17)*, Oct. 2017.

## Awards and Honors :

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- (2018) Winning Prize. National Innovation and Entrepreneurship Competition
- (2018) Elite Team. 2018 Hong Kong B4B Challenge
- (2018) Elite Team. 2018 Hong Kong Cyberport University Partnership Programme
- (2018) Elite Team. 2018 Hong Kong Cyberport Creative Micro Fund
- (2016) Outstanding Graduate of Shandong Province and Shandong University
- (2015) First Class. National Youth Innovation and Entrepreneurship Competition
- (2015) Dean Scholarship of Software College, Shandong University
- (2015) Meritorious Winner. 2015 MCM / ICM Contest
- (2014) Bronze Medal. ACM-ICPC Invitational Contest, Beijing, Asia
- (2014) Bronze Medal. ACM-ICPC Invitational Contest, Shanghai, Asia
- (2014) National Scholarship
- (2014) Silver Medal. The Fifth Provincial ACM-ICPC Programming Contest
- (2014) Second Prize in Province, National Mathematical Modeling Contest
- (2014) Second Class. The Third Provincial Youth Entrepreneurship Competition

## Community Involvement :

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PC Member: International Conference on Parallel and Distributed Systems (ICPADS) 2018

Journal & Conference Reviewer:

- ACM Conference on Human Factors in Computing Systems(CHI) 2017-2021
- IEEE Transactions on Visualization and Computer Graphics (TVCG) 2017-2021
- IEEE VIS Conference 2017-2021
- IEEE Computer Graphics and Applications 2019-2021
- IEEE Pacific Visualization Symposium(PacificVis) 2017
- ChinaVis 2019-2021

Student Volunteer:

- IEEE VIS, Berlin, Germany, 2018
- SIGGRAPH Asia, Shenzhen, China, 2014

## Invited Talks :

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Invited talk, Zhejiang University of Finance & Economics, Hangzhou, China	2020.10
Invited special topic talk, ChinaVis 2020 Conference, Xian, China	2020.10
Oral Presentation, IEEE VIS 2019 Conference, Vancouver, Canada	2019.10
Oral Presentation, IEEE VIS 2018 Conference, Berlin, Germany	2018.10
Invited talk, AI Group, WeBank, Shenzhen, China	2018.04

## Teaching Experience :

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<b>Departmental Teaching Assistant Coordinator</b> , CSE Department, HKUST	2017 - 2018, 2018 - 2019
<b>Object-Oriented Programming and Data Structures</b> , <i>Teaching Assistant</i> , HKUST	2017 Spring

## Skills :

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Programming: Frontend, Backend, Python, C/C++, Java

Visualization: D3, WebGL, Matplotlib

Language: Mandarin (Native), English (Professional working proficiency)

Last Updated in Jun. 2021