

HUAN WEI

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EDUCATION

- The Hong Kong University of Science and Technology** *Sept 2019 - Present*
PhD in Computer Science, CSE Department
- The Hong Kong University of Science and Technology** *Sept 2017 - June 2018*
Master of Science, Big Data Technology, CSE Department
- Beijing University of Posts and Telecommunications** *Sept 2012 - June 2016*
Bachelor of Engineering, Computer Science, School of Computer Science

WORK EXPERIENCE

- Research Assistant, HKUST VisLab** 2018 July 10 - 2019 Aug 20
Idea discussion, idea evaluation, data processing, visual design, frontend and backend develop on research work and R&D work.
- Frontend & Backend Engineer, Sogou Technology Beijing** 2017 April 4 - 2017 Aug 20
Website design and develop for commercial advertisement.
- Frontend & Backend Engineer, Meritco Service Beijing** 2016 Dec 1 - 2017 Oct 31
Frontend and backend develop for data analysis visualization system.

SELECTED PROJECTS

- E-learning Data Analysis and Visualization**
Conduct data analytics to support a quick overview of student performance and learning behaviors on the whole question set. Design visualization techniques for detailed exploration of problem-solving patterns on each question, and provide feedback and guidance to help educators optimize their teaching methods.
- Wechat App "Second-Class" Development for BUPT**
Cooperate and guide two students on wechat app development. For students to rent room, borrow and return tools, sign up in class.

ACADEMIC ACHIEVEMENTS

- Huan Wei, Haotian Li, Meng Xia, Yong Wang, Huamin Qu, Predicting Student Performance in Interactive Online QuestionPools Using Mouse Interactions, ACM LAK 2020
- Meng Xia, Huan Wei, Min Xu, Leo Yu Ho Lo, Yong Wang, Rong Zhang, Huamin Qu, Visual Analytics of Student Learning Behaviors on K-12 Mathematics E-learning Platforms, Poster, IEEE VIS 2019 Posters, Best Poster Award
- Meng Xia, Mingfei Sun, Huan Wei, Qing Chen, Yong Wang, Lei Shi, Huamin Qu, Xiaojuan Ma, PeerLens: Peer-inspired Interactive Learning PathPlanning in Online Question Pool, video ACM CHI 2019

TECHNICAL STRENGTHS

- Python, Javascript, Nodejs, D3, multiple web crawlers, Chrome plugins, etc.