

# HUAN WEI

Room 4203, HKUST, Saikung, HongKong SAR, China  
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## EDUCATION

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- 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

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- 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

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### **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

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**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

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