

HUAN WEI

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EDUCATION

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

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

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

Predicting Student Performance in Interactive Online QuestionPools Using Mouse Interactions, ACM LAK 2020

Visual Analytics of Student Learning Behaviors on K-12 Mathematics E-learning Platforms, Poster, IEEE VIS 2019 Posters, Best Poster Award

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.