

JiaRui Jiang

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Education

Beijing Institute of Technology

Master of Software Engineering | GPA: 3.87/4.0 | Average: 89.72/100

Beijing, China

Sep. 2022 - present

Beijing University of Technology

Bachelor of Computer Science and Technology | GPA: 3.86/4.0 | Average: 89.29/100 | Ranking: 4/68 (Top 5%)

Beijing, China

Aug. 2018 - Jun. 2022

Technical Skills

Programming Node.js, Python, C#, C, C++, JAVA, SQL

Tools Github/Gitee, Vue, Postman, MongoDB

Research skills Interface Design & Prototyping, Mixed-method User Research, Survey

Languages English (IELTS: 6.5) Mandarin (Native)

Research Projects

Novel Intelligent User Interface based on RL and HCI models (HCIX program)

supervised by Dr. Kaixing Zhao

Intelligent user interface is a new focus in HCI. Based on recent progress in Reinforcement Learning, traditional user interface can become more intelligent and varies according to user interaction. This project therefore aims to combine RL and several HCI models to augment the intelligence of user interface.

Jun. 2023 - present

Online management system of academic resources

Web programming, User Research

Developed an online platform for academic resource management. Facilitate students to view the journal information frequently submitted by their laboratory, upload their own articles, and invite others to review them. After receiving the modification suggestions, students will modify the article and upload it until there is no room for modification. The platform also supports functions such as uploading templates.

Dec. 2022 - present

Editing Platform for Requirement Scenarios in Requirement Engineering Teaching

Prototyping, Programming

Developed a requirement scene visualization modeling and editing platform for requirement engineering teaching using Unity. This platform supports the design and editing functions of character dialogue and character state transfer and can represent the spatial information and NPC of the scene.

Dec. 2021 - Jul. 2022

WeChat Mini-program Design for An Outdoor Sports Club

Web programming, User Research

Designed and developed a WeChat mini program that is mainly used for school clubs to publish activity information, student registration activities, and cancellation activities.

Apr. 2021 - Jul. 2021

Awards and Honors

Dec. 2022	Scholarship: First prize of postgraduate scholarship
Dec. 2021	Scholarship: Scholarship for Study Excellence
Dec. 2020	Scholarship: Scholarship for Study Excellence
Dec. 2019	Scholarship: Scholarship for Study Excellence
Dec. 2021	Contest: Innovation and Entrepreneurship Award, University-level
Aug. 2021	Contest: Third Prize in North China Division, WeChat Mini-program development competition
Apr. 2021	Contest: Meritorious Winner of MCM/ICM
Apr. 2021	Contest: University Second prize, ICPC School level tryouts

Internship Experience

Development and operation center

Perfect World

Software Test Engineer

Sep. 2021 - Dec. 2021

- requirements review
- test case writing
- functional test
- performance test & compatibility test
- Flidder, Jira
- Web, IOS, Android, Hongmeng operating systems