JiaRui Jiang

📞 +86-158-0145-4886 | ✉ jiangjiarui0120@gmail.com | 🏠 https://agloveduck.github.io/

Education

Beijing Institute of Technology *Beijing,China*
Master of Software Engineering | GPA: 3.87/4.0 | Average: 89.72/100 Sep. 2022 -present

Beijing University of Technology *Beijing,China*
Bachelor of Computer Science and Technology | GPA: 3.86/4.0 | Average: 89.29/100 | Ranking:4/68 (Top 5%) Aug. 2018 - Jun. 2022

Technical Skills

Programming   Python,C#,C, C++,JAVA,SQL
Tools   Github/Gitee,Vue,Postman,MongoDB,Unity
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. Recent progress in Reinforcement Learning shows that the 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 the user interface. *Jun. 2023 - present*

Academic Online *Web programming, User Research*

Designed and developed a user-friendly web tool for laboratory academic submissions. Led prototyping, front-end development, and testing. Gathered user feedback to optimize the interface and ensure a seamless user experience. Streamlined academic submissions, enhancing efficiency and fostering collaboration. *Dec. 2022 - present*

Editing Platform for Requirement Scenarios in Requirement Engineering Teaching *Prototyping,Programing*

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 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**: Merit Student
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

Student Psychological Development Center *Beijing University of Technology*
Psychological Commissioner Sep. 2018 - Sep.2020