

Ruiqi Ma

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EDUCATION

Dartmouth College, Guarini School of Graduate and Advanced Studies, Hanover, NH September 2021 – Present
Master of Science in Computer Science

- Awarded Dartmouth Scholarship

Wuhan University, Wuhan, Hubei September 2017 – June 2021
Bachelor of Engineering in Software Engineering, GPA: 3.85/4.0

- Awarded 2020 “Fenghuo” Scholarship and both 2018 and 2019 Wuhan University Scholarship
- Awarded Outstanding Student Leadership of School of Computer Science, Outstanding Student of School of Computer Science
- Awarded Third Prize of the 8th China Software Cup College Student Software Design Competition, 2019
- Awarded Meritorious Winner Price of 2019 Interdisciplinary Contest in Modeling, 2019

WORK EXPERIENCE AND ENGINEERING PROJECTS

Flutter Application – Smart Parking, Hubei March 2021 – June 2021
Leader, Engineer, Designer

- Independently designed and implemented this application which can solve the problem of random parking on campus
- Carried out user analysis, created prototype, designed RESTful style API, designed UI and flow model
- Implemented frontend using framework Flutter, integrated map navigation service

ASIAINFO, Beijing April 2020
Product Manager Intern

- Collaborated with a team of 15 people, used the digital twin method to monitor the conditions of devices and areas in the building, such as server temperature, humidity in the computer room, etc.
- Worked out product requirement documents and product specification requirement list based on user analysis
- Designed prototype diagram of a B-to-B product

Vue Web-based platform - Online Bookstore, Hubei March 2020 – May 2020
Project Leader, Frontend Engineer

- Cooperated with 3 people and implemented a simplified version of an online bookstore without payment function
- Used Vue framework, learned Vue life cycle, asynchronous and promise and so on
- Designed and implemented frontend part of the client-side web platform
- Assigned members’ work, monitored project progress

WeChat Mini Program – Food Know, Hubei December 2019 – January 2020
Engineer, Project Manager

- Collaborated with 8 people and implemented an application that can help people do every day’s food calories counting
- Used WeChat’s own develop tools to implement the frontend, used WXSS which is similar to CSS to design the UI style
- Optimized, used CDN for load balancing
- Monitored group members’ working progress, offered help on programming when needed

Passenger Itinerary Recommendation System – Easy Go, Hubei May 2019 – July 2019
Frontend Engineer, Designer

- Cooperated with 2 people, is a competition project of cross-city route planning and navigation combined with multiple modes of transportation
- Implemented the frontend part of this application using WeChat applet, integrated map system open service
- Carried out user analysis and user portrait, designed user interface, designed function flow model

SKILLS AND INTERESTS

Programming: JavaScript, Python, Vue, Flutter, CSS, C++, html and many other languages

Software: PowerPoint, Axure, Xmind

Foreign Languages: Intermediate-level Korean, native speaker of Chinese, beginner German

Interests: Singing, badminton, traditional painting, baking, cooking