

Jingshu Rui

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EDUCATION

School of Information, University of California, Berkeley, CA.

Aug 2021 –

Master of Information Management & Systems

Courses: Lean/Agile Product Management, User Interface Design, Quantitative Research Methods

School of Electronics Engineering and Computer Science, Peking University. Sept 2017 – July 2021

B.S. in Intelligence Science and Technology Ranking: Top 15%

Core Courses: Data Structure and Algorithm, Algorithm Design and Analysis, Introduction to Computer Systems, Introduction to Database Systems, Introduction to Visualization and Visual Computing

PROFESSIONAL EXPERIENCE

Technical co-founder, Nolibox (startup for AI-empowered design)

Beijing, China, April–Sept 2020

- (Back-end) Enabled smart matching involving 10+ sets of templates and 200+ materials for the key visual generation to reduce repetitive work of designer, developed a color palette generator with 400+ color schemes, and refined English logo generation replacing letters with icons with similar shapes and related meanings.
- (Front-end) Developed interfaces using TypeScript and connected them to the back-end service to bring the features live with a better user experience.

NLP Application Product Intern, TAL AI Lab (Education Company)

Beijing, China, Feb–April 2020

- Assisted to develop word-learning Apps based on speech recognition and E-Rater to help dialect speakers learn Mandarin: conducted competitor research of 10+ word-learning Apps, designed a new learning page, wrote Product Requirements Document, and coordinated work between product and engineering teams.

Scratch Course Designer Intern, Walnut Programming Education

Beijing, China, July–Aug 2019

- Assisted to improve instructional videos of 3 online Scratch programming courses. Partnered with the product team to make recommendations through user research about hiding the direct-pass button.

RESEARCH EXPERIENCE

Senior Thesis, Department of Machine Intelligence, Peking University

Sept 2020–June 2021

- Designed new eye movement experimental paradigms to test and measure subjects' food sensitivity and body dysmorphic disorder which complements and refines existing ones.
- Conducted Machine Learning prediction to confirm the potential of the eye-movement data under experimental stimulus to predict the risk of eating disorders and resulted in *senior thesis*.

Undergraduate Researcher, Department of Educational Technology, Peking University

Jan–Aug 2019

- Designed and implemented a Scratch training program at No.2 Middle School in Changxing Town. Collected and processed data to evaluate the programming ability of 150+ students aged 12 to 14. Co-authored a *paper* published in Digital Education.
- Led a 12-people team to investigate into the information technology education in Zhejiang Province, interviewed 20 professors, IT teachers, and school leaders to analyze the impact of the inclusion of programming in College Entrance Examination. Proposed recommendations of Python training programs for high school students and trialed at 3 local schools, all of which expressed interest in further cooperation.
- Authored a *paper* which was accepted by the 7th China-Japan Educational Technology Research and Development Forum and awarded “The Excellent Social Project” of PKU.

SKILLS AND INTERESTS

- Language Skills: Chinese (native), English (full professional fluency), Spanish (basic).
- Programming Languages: C, C++, Python, Java, TypeScript, R, MATLAB, Processing.
- Computer Skills: Linux, Xcode, IntelliJ IDEA, Office, Sketch, Photoshop, ScreenFlow, L^AT_EX.
- Interests: badminton (1st Prize in Peking University Badminton Cup), dancing, international communication.