

Yuwen Lu

CONTACT

Email

yuwenlu@andrew.cmu.edu

Portfolio

yuwen-lu.me

Github

github.com/yuwen-lu

EDUCATION

Carnegie Mellon University

Pittsburgh, PA
Master, Human-Computer
Interaction
08/2020 - 08/2021

Dalian University of Technology

Dalian, China
Bachelor, Software Engineering
09/2016 - 06/2020

University of California, Irvine

Irvine, CA
Study Abroad, Informatics
12/2019 - 06/2020

Technical University of Munich

Munich, Germany
Study Abroad, Informatics
04/2019 - 09/2019

Programming

HTML/CSS/JavaScript
Python/Pandas/Matplotlib
React
React-Native
iOS/Swift

PROJECT EXPERIENCE

Goalplay Video Soccer Trainer

04/2019 - 07/2019

Usability Manager, Developer

- Developed in cooperation with Goalplay an iOS APP that analyzes goalkeepers' training videos with machine learning, in a team of 6
- Utilized Apple ARKit to detect the goalkeepers' joint movements
- Built personas, conducted user research, built prototypes with *the Marvel APP*, evaluated user experience using usability heuristics and a continuous user testing framework *CuuSE*
- Served as the director, shooter and editor of the project's trailer

Cardcare Payment

08/2018 - 11/2018

Frontend Developer

- Developed a payment APP helping users who have multiple bank cards to pay with the best promotion offer
- Used the Ionic mobile development framework to build the front-end
- Conducted user research, designed functionalities focusing on providing savings information to the users instantly and periodically
- Obtained 3rd Prize in IBM-ICBC National Fintech Innovation Hackathon

RESEARCH EXPERIENCE

HIT Ranger: Mobilizing CrowdworK Management

03/2020 - now, Advisors: Gloria Mark, Alex Williams

- Developed the mobile APP HIT Ranger where crowdworkers manage their tasks using React Native in a team of 3

Online Edu for Sustainability Education: Affordances and Constraints

04/2020 - now, Advisor: Bill Tomlinson

- Synthesized the challenges sustainability education posed to the current educational paradigm
- Analyzed three online sustainability education platforms through the lens of affordances and constraints
- Proposed design implications for future online sustainability education platforms

SCHOLARSHIP & AWARDS

- Chinese National Scholarship
- Distinguished Graduate by the City of Dalian
- Distinguished Graduate by Dalian University of Technology
- Gold Medal, International Genetically Engineered Machine (iGEM) 2019, originated in MIT
- Academic Excellence Scholarship, Tech Innovation Scholarship, Liberal Arts & Sports Scholarship by Dalian University of Technology