

Shihui Ruan

User Experience Designer

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Experience

UX Designer II, Spectral MD, Inc.

Jun 2021 – Present | Dallas, TX

- Created touch-screen user interfaces for a cart-based medical device based on user inputs, and received positive feedback from users.
- Designed interactive prototypes using ProtoPie and Principle.
- Carried out usability testing with physicians in the clinics. Transferred user needs into design seeds.
- Provided cross-functional teams with user research findings.
- Built a design system for cross-platform software to align design language.

UX Design Intern, Smarttwigs

May 2020 – Aug 2020 | Remote

- Designed a mobile application for individuals to engage in social giving activities.
- Optimized the user interface for an immersive experience.
- Collaborated with the PM team and engineers to work on design verification. Completed the beta launch for the new born product.

Website Designer, Georgia Tech

Aug 2019 – Dec 2019 | Atlanta, GA

- Applied qualitative and quantitative user research methods to analyze user behaviors and identify design opportunities.
- Worked with an accessibility analyst on usability testing and programmatic testing.
- Developed information architecture to construct content and navigation system in accordance with users' perceptions.

UX Design Intern, Capgemini

Jul 2018 – Sep 2018 | Shanghai, China

- Initiated and implemented the Michelin Tire Damage Declaration Platform, which improved the declaration process of more than 860 regional sales managers and engineers in China.
- Designed a WeChat HTML5 page that tells a story to introduce a brand new Mercedes-Benz service to the public. The story has been shared over 1,000 times.

Education

Georgia Institute of Technology

Aug 2019 – May 2021 | Atlanta

M.S. in Human-Computer Interaction

Donghua University

Sep 2015 – Jun 2019 | Shanghai

B.E. in Industrial Design

Tools

Adobe Ps/Ai/Id/Pr/Ae

Figma/Sketch/XD/InVision

Protopie/Principle/Framer

Processing

Arduino

Solidworks

Keyshot

Google Analytics

Skills

C/HTML/CSS/JS

Survey

User Interview

Cardsorting

Affinity Mapping

Storyboarding

Wireframing

Heuristic Evaluation

Contextual Inquiry

Usability Testing

IEC 60601/62366