

LIA X. JOHANSEN

lxjohansen@gmail.com

liaxjohansen.me

(206) 919 1643

EDUCATION

UNIVERSITY OF WASHINGTON

Seattle, WA

B.S., Human Centered Design and Engineering, *Expected 2021*

HCI and Data Science Concentration

Globalization Study Abroad Seminar - Ireland (August 2018)

3.93/4.0 HCDE GPA, 3.68/4.0 GPA, 2018-19 Annual Dean's List

EXPERIENCE

MICROSOFT

Redmond, WA

New Technologist Intern, *Jun - Aug 2019*

Designed and engineered Tommi, an innovative iOS app that gamified avatar interactions to motivate children to develop a balanced relationship with technology. Created user personas, journeys, and stories to scope problem space and define target audience. Led design of wireframes using Figma. Implemented user feedback that improved usability of avatar accessory store. Programmed app using Swift on XCode IDE and Git for code version control. Team selected to pitch app to Microsoft executives.

DESIGN FOR AMERICA UW

Seattle, WA

UX Project Lead, *Sep 2017 - Jun 2018*

Led 5-person team in design of original, wearable 3D printed technology prototype to reduce student stress. Practiced and applied design innovation processes taught by industry mentors, Artefact Inc. Conducted user research, design sprints, usability testing, and iterative prototyping. Created compelling storyboards, task flow diagrams, system architecture, and UI design specifications. Presented project to design mentors and sponsors.

FIRST ROBOTICS

Bainbridge Island, WA

Software Developer Lead, *Sep 2016 - Jun 2017*

Led 15 high school Java programmers in development of 4500 lines of code that controlled robot. Drove system integration testing.

RESEARCH

UNIVERSITY OF WASHINGTON

Seattle, WA

Robotics Undergraduate Researcher, *Sep 2019 - Present*

Member of project team funded by NSF to design and develop EMAR, a social robot that captures adolescent stress and mood data. Apply UX Design to enhance interactive experience between robots and teens. Build website using React, Javascript, HTML/CSS.

UNIVERSITY OF WASHINGTON

Seattle, WA

Big Data Undergraduate Researcher, *Sep 2018 - Jun 2019*

Member of data science team that analyzed large-scale Twitter dataset to compare cultural differences in data privacy. Trained in qualitative research methods and helped code 10,000 tweet dataset. Calculated and analyzed statistics in R to inform future machine learning research decisions.

SKILLS

DESIGN

User Experience, User Interface Design, User Research, Data Driven Design, Usability Testing, Wireframing, Prototyping

SOFTWARE

Java, Python, Swift, HTML/CSS, R, Git, Adobe Suite, Figma

ORGANIZATIONS

DFA UW (Officer), Society of Women Engineers, Dubhacks