Sanghyun Lee

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EDUCATION

University of Michigan, School of Information

Master of Science in Information,
Human-Computer Interaction | Apr. 2020

University of Michigan, Stamps School of Art & Design

Bachelor of Fine Arts,
Industrial Design | Apr. 2016

Relevant Courses

Contextual Inquiry, Interaction Design,
Product Design, Complex Website
Design, Developing AR/VR Experiences,
Intermediate Python, Data Manipulation
and Analysis, Physical Computing,
Software Design for Learning

HONORS & AWARDS

Winner and Scholarship Recipient of Stamps Creative Work Award

University of Michigan | May. 2015

Dean's List

University of Michigan | Dec. 2014

Squad Leader (Sergeant)

Republic of Korea Army | May. 2012 -
Feb. 2014

TOOLBOX

Design	Build
Sketch	HTML5 / CSS3
InVision	JavaScript
Principle	jQuery
Balsamiq	Python
Zeplin	Raspberry Pi
Photoshop	Arduino
Illustrator	Unity
InDesign	Rhino 3D

EXPERIENCE

University of Michigan | Graduate Student Instructor

Jan. 2019 - Present | Ann Arbor, MI

Teaching assistant for SI 339 Web Design, Development, and Accessibility

Instructing 47 students to help understand how to develop websites (HTML, CSS, JavaScript and jQuery) and design for accessibility with POUR principles

DocNetwork | UX Designer

Sept. 2018 - Dec. 2018 | Ann Arbor, MI

Developed an internal health form builder tool for 13 account managers who handle 400 profiles on average to help minimize errors in medical records

TmaxOS Inc. | UX Designer

Jun. 2017 - Jun. 2018 | Seongnam, South Korea

Enhanced performance of 36 UI components with TOP IDE to leverage the development productivity by simplifying the process of two-way data binding and event-handling

Launched a Tmax Design System team to fix the level of inconsistency and fragmentation, and to manage UI designs at scale for 12 TmaxOS applications and 5 Tmax Office products

IBM Design | UX Research Intern

Sept. 2016 - Nov. 2016 | Austin, TX

Streamlined IBM's proactive acquisition processing time by 22.2%, which carried the projected value of $1 billion by implementing the data automation and facilitating collaboration between business units

Developed research questions and facilitated user interviews with 3 stakeholders and 11 users to identify the main concerns with the current acquisition process

School of Public Health, UM | Product Designer

May. 2015 - Aug. 2015 | Ann Arbor, MI

Independently discovered a design solution for protective wear specific to the doffing procedure in an Ebola Outbreak by developing a doffing sticker for nurses to avoid direct contamination

EXTRACURRICULARS

The Designers of Interactive, Intelligent, Internet of Things

Sept. 2018 - Present

A group of UM faculty and students who are passionate about creating an immersive environment where people interact with digital information and physical artifacts

MiRocle (Michigan Rock Climbing)

Aug. 2015 - Present

A group of rock climbers who love to explore and crave the rush of adrenaline at the top