

# SALLY CHEN

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## EDUCATION

### Carnegie Mellon University

Aug 2021 - Aug 2022

- Master of Human-Computer Interaction

### Brown University

Sep 2017 - May 2021

- Bachelor of Science, Computer Science
- Major GPA 4.0

## SKILLS & TOOLS

### Design

- Adobe Creative Suite (Ps, Ai, Lr, Ae, Id, xD, Pr)
- Figma, Sketch, InVision, Proto.io, Zeplin, Balsamiq

### Development

- Languages: Html/CSS, Python, JavaScript, TypeScript, SQL, Java, C (in order of familiarity)
- Libraries: Bootstrap, JQuery, Tensorflow, OpenCV, React.js, Gatsby.js, D3.js

### Other Software

- Final Cut Pro, NVivo, Stata, SPSS

### Languages

- English, Chinese (native)
- Japanese, French, Korean (working proficiency)

## RESEARCH EXPERIENCE

### User Experience & Hypermedia Researcher/Designer

Brown University Graphics Group, June 2020 - Dec 2020

- Spearheaded the redesign of Dash, a hypermedia platform funded by Adobe and Microsoft Research, with Professor Andries van Dam
- Led 7 student developers on the redesign, implementation, and usability testing of 10+ multimedia features using Figma, React.js, and TypeScript
- Documented the revamped platform by writing a 60+ page manual and creating a sequence of 8 tutorial videos

### Human-Computer Interaction Researcher

Korea Advanced Institute of Science and Technology, Dec 2019 - Feb 2020

- Accepted as a visiting student researcher at the KAIST Interaction Lab with <10% acceptance rate, with Professor Juho Kim
- Researched & prototyped a system for Algorithm LABS to support novices in algorithmic problem-solving with a fellow Masters student
- Second-authored a paper accepted at ACM Learning@Scale 2020

### Visual Computing Researcher

Brown Visual Computing Group, Sep 2019 - Mar 2020

- Created a visualization system for elevators in the computer science building, home to 600+ students & staff, with professor James Tompkins
- Developed an original algorithm using Computer Vision concepts and the OpenCV library to detect the current floor of an elevator

## INDUSTRY EXPERIENCE

### User Experience Designer

Stylindex, May 2020 - July 2020

- Spearheaded the redesign of the company blog in collaboration with 6 stakeholders and 3 developers to showcase company identity
- Designed digital event invites to 10000+ audiences & companies including Farfetch and Senreve, increasing attendance by 200+%

### User Experience Designer

Drink Perfect, May 2019 - Sep 2019

- Collaborated with CEO to redesign the website in accordance with the company's updated missions, driving site traffic up by 450+%
- Expanded app's calendar feature to enable 3000+ users to view upcoming deals & events in selected cities & dates

## PUBLICATIONS

- AlgoPlan: Supporting Planning in Algorithmic Problem-Solving with Subgoal Diagrams (Kabdo Choi, Sally Chen, Hyungyu Shin, Jinho Son, Juho Kim)  
Paper accepted at ACM Learning@Scale 2020
- Self-E: Smartphone-Supported Guidance for Customizable Self-Experimentation (Nediyana Daskalova, Eindra Kyi, Kevin Ouyang, Arthur Borem, Sally Chen, Sung Hyun Park, Nicole Nugent, Jeff Huang)  
Paper accepted at ACM CHI 2021