

LAURA WANLING DING

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EDUCATION

Carnegie Mellon University, Pittsburgh, PA

Dec 2019

Bachelor of Science in Information Systems with a minor in Human-Computer Interaction with University Honors

GPA: 3.79/4.0

Relevant Courses: Interaction Design Overview, Communication Design Fundamentals, Design Fundamentals: Shaping Interactions and Experiences, Information Systems Consulting Project, Design Human-Centered Software, Interaction Techniques, A Web For Everyone, Transformational Game Design, etc.

University of Hong Kong, Hong Kong (*study abroad*)

Fall 2018

SKILLS

Design: IRB approved, Sketch, InVision, Adobe Creative Suite (Illustrator, InDesign, XD, Photoshop), Figma

Programing: Java, Python, HTML, CSS, JavaScript, Ruby on Rails, SQL, PHP, NodeJS, React, R

Language: English (fluent), Mandarin (fluent), Japanese (intermediate), Cantonese (basic), Spanish (basic)

WORK EXPERIENCE

Product Management Intern, TuSimple

May - Aug 2019

- Designed an elastic container service based on Kubernetes and an automation management system
- Worked on product requirements documents, UI/UX designs, user research and usability testing
- Utilized Agile methodology to manage the projects and ensure the delivery of the products

Web Design Intern, Migrasia

Sep - Dec 2018

- Designed and developed new websites of Migrasia, EmpowerU, and HK Agency Reviews
- Assisted in rebranding of the organization and created advertising video

UI Design Intern, Sanpower Group

Jun - Aug 2018

- Designed user interface of new webpages of company intranet
 - Designed new widgets and icons
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RESEARCH

Research Assistant, Social Cybersecurity Project (*CHIMPS Lab*)

Jan - May 2019

- Refined user interface of Safesea, a Chrome plugin that focuses on improving user privacy on social media
- Implemented design changes on the Chrome plugin with React

Research Assistant, Sugilite Project (*BAM Lab*)

Jan - May 2018

- Assisted in developing Android app for Sugilite, a system that allows users to create automation on smartphones
 - Developed a program in Java to convert code to natural language, in order to make the user interface more understandable by general public
 - Co-authored *APPINITE: A Multi-Modal Interface for Specifying Data Descriptions in Programming by Demonstration Using Verbal Instructions*, published in *IEEE Symposium on Visual Languages and Human-Centric Computing (VL/HCC) 2018*
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PUBLICATIONS

Contributing Editor, Professor Brad A. Myer's new book "*Pick, Click, Flick*" (to be published)

Jan - May 2019

Co-author, *APPINITE: A Multi-Modal Interface for Specifying Data Descriptions in Programming by Demonstration Using Verbal Instructions*

Oct 2018

HONORS

Dean's List, High Honors, Fall 2016, Spring 2019, Fall 2019

Dean's List, Fall 2017

TEACHING EXPERIENCE

Teaching Assistant, *Statistics and Data Science Methods* (Statistics Department)

Jan - May 2018

- Taught 47 students to use R for data analysis
- Led labs, held office hours every week, graded labs, homework and tests, and proctored exams

Teaching Assistant, *Computing for Creative Practice* (Computer Science Department)

Aug - Dec 2017

- Taught 18 students to use p5js for coding and website design
 - Prepared lesson materials, led labs and held office hours every week
 - Graded labs, homework and tests, proctored exams and held lectures
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PROJECTS

ACTA Mobile Website

Jan - May 2019

- Worked as both project manager and designer in the team, and offered consulting services to our client ACTA
- Designed and developed a mobile website to help ACTA gain more visibility
- Managed the project using Agile methodology to make sure the product meets the client's expectations

Ensemble App

Mar - Apr 2018

- Designed user interface of Ensemble, an app that enhances efficiency of event planning
- Conducted user research and user testing, and created several iterations of screen designs

A&M Website

Jan - May 2018

- Independently developed a chess camp website using Ruby on Rails, focusing on back-end development

Big Skinny Website

Mar - Apr 2017

- Redesigned Big Skinny shopping website using HTML, CSS and JavaScript, focusing on front-end development
- Won the Best Project Award (highest award) in class