GARY CHEUNG

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Education

University of Michigan, School of Information
MSI Information Science
Specialization in Human-Computer Interaction
Graduated April 2018
GPA: 3.8

Binghamton University
BA Psychology
Graduated April 2018
GPA: 3.6

Skills

Development
Javascript(ES6), React, Redux, D3.js, HTML5/CSS3, Node.js, Wordpress, Drupal, PHP, MySQL

Tools
Git/Gitflow, Gulp, Webpack, Vagrant, Photoshop, Illustrator, Sketch, Invision, SPSS, Advanced Excel

Design
Wireframing, Prototyping, UI Design

User Research
Survey Design, User Interviews, Usability Testing, Personas & Scenarios, Affinity Mapping

Relevant Coursework

Database Application Design

Information Visualization

Experimental Social Computing Systems

Python for Data Analysis

Contextual Inquiry and Consulting Foundations

Needs Assessment and Usability Evaluation

Work Experience

Frontend Developer
University of Michigan Auxiliary Marketing | September 2017–April 2018
Ann Arbor, MI

- Refactored U-M catering website to simplify codebase and reduce the number of third-party dependencies.
- Increased efficiency of content updates by implementing custom WordPress plugins which provided new editor features for marketing team.
- Attended weekly planning meetings to provide technical feasibility on visual mockups for current and upcoming projects.
- Developed working pages using hi-fidelity prototypes received from designers.

Design Intern
Arkadium | June 2017–August 2017
New York, NY

- Designed wireframes and hi-fidelity UI prototypes for Inhabit, an AI-based data visualization tool for Arkadium's publisher partners.
- Conducted user research for redesign of company's recruiting page
- Gave and received feedback in biweekly design critique meetings

Designer I
UMSI Design Clinic | January 2017–May 2017
Ann Arbor, MI

- Collaborated with a team of designers to conduct research and redesign the UI of a medical records exchange system
- Developed user stories and journey maps by conducting user interviews and comparative analyses
- Conducted multiple usability tests to validate and iterate on system prototypes
- Designed wireframe and hi-fidelity mockups for handoff to client's internal development team

Projects

MoMA and Art Movements
Frontend Development, Data Visualization

An interactive data visualization that shows the geographic history and growth of the MoMA's art collection throughout different mdoern art movements.

Straitcast
Fullstack Development

A no-frills web application for searching and playing podcast episodes. Built using React & Redux in the frontend and powered by an Node.js server.

WhistleHQ
Fullstack Development

A chrome extension developed as a experiemental social computing system which uses k-anonymity techniques to promote anonymous workplace discussion.

Herd Immunity Visualization
Frontend Development, Data Visualization

Designed and developed a explorable explanation teaching the effects of herd immunity in the spread of infectious diseases using D3.js.