GARY CHEUNG

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Education

University of Michigan | Graduated April 2018
MS, Information Science
Specialization in Human-Computer Interaction

Binghamton University | Graduated May 2015
BA, Psychology

Work Experience

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

- Refactored U-M catering website to simplify codebase and reduce the number of third-party dependencies
- Attended weekly planning meetings to provide technical feedback on visual mockups on current and upcoming projects.
- Increased efficiency of content updates by implementing custom WordPress plugins adding new editor features for marketing team.

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

- Created wireframes and designed hi-fidelity mockups for an AI-based data visualization product.
- Conducted user research for a redesign of the comapny's recruiting page.
- Gave and recieved feedback in biweekly design critique meetings.
- Participated in daily standups with entire product team.

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

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

Projects

MoMA and Art Movements   December 2017
Frontend Development, Data Visualization

- Used Python to clean and transform MoMA collection data.
- Design and implemented an interactive visualization of data using d3.js.

Herd Immunity Visualization   November 2017
Frontend Development, Data Visualization

- Conducted research to design an explorable explaination on the concept of herd immunity against infectious diseases.
- Implemented a node-link diagram to simulate infectious disease spread with user-definable parameters using d3.js.

Skills

Development

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

Research

Contextual Inquiry
Survey Design
User Interviews
Usability Testing
Personas & Scenarios

Design

Wireframing
Iterative Prototyping
UI Design

Tools

Git/Gitflow
Gulp
Webpack
Photoshop
Illustrator
SPSS
Sketch App
Invision