

GARY CHEUNG

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Skills

Development

Javascript(ES6), JQuery, Python, React, Redux, D3.js, HTML5/CSS3, SCSS, Node.js, Wordpress, Drupal 7, PHP, MySQL, Gulp, Webpack

Tools

Git/Gitflow, Vagrant, Photoshop, Illustrator, Sketch, Invision, Principle, SPSS

UX Methods

Survey Design, User Interviewing, Usability Testing, Personas & Scenarios, Affinity Mapping, Wireframing, Rapid Prototyping

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

Education

University of Michigan, School of Information | Graduated April 2018

MSI Information Science

Specialization in Human-Computer Interaction with a focus on Web Development
GPA: 3.8

Binghamton University | Graduated April 2015

BA Psychology

GPA: 3.6

Work Experience

University of Michigan Auxiliary Marketing | September 2017–April 2018

Frontend Developer

Ann Arbor, MI

- Improved performance of University Catering's website by refactoring JavaScript code to remove third-party dependencies and reduced initial page load size 35% by optimizing the size of static assets.
- Increased efficiency of content updates by implementing custom Wordpress plugins which provided new editor features to marketing team.
- Created pixel perfect implementations of pages using modern CSS techniques such as flexbox based on mockups received from visual designers.
- Gave guidance on UX for an ongoing project by synthesizing user interviews and creating personas and page wireframes for visual designers.

Arkadium | June 2017–August 2017

Design Intern

New York, NY

- Created wireframes and pixel perfect mockups of data visualization concepts with Adobe Illustrator for Inhabit, an AI-based advertising product developed by Arkadium.
- Collaborated with other interns to redesign Arkadium's recruiting site. Conducted a heuristic evaluation on existing site and led a presentation on findings to the HR team.

Projects

Herd Immunity Visualization

Frontend Development, Data Visualization

- Implemented a node-link layout using D3 and JavaScript to create an interactive visualization on the herd immunity effect.
- Enhanced the user experience by using JavaScript to add microinteractions to page.

MoMA and Art Movements

Frontend Development, Data Visualization

- Cleaned a raw dataset from MoMA by using Python and regular expressions to remove incomplete rows and standardize inconsistent naming in columns.
- Wrote a reusable bar chart module with JavaScript and D3.js.

WhistleHQ

Fullstack Development

- Collaborated with another developer to design and develop an experimental Chrome extension based social network which provides pseudonymity using k-anonymization methods for prospective whistleblowers.
- Led frontend development using React with a custom routing solution to manage navigation changes.
- Designed backend architecture of Node.js based web service for handling communication with extension frontend.