

# CATHY CHOW

UX Designer and Developer

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## RELEVANT EXPERIENCE

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### **ProQuest**, Ann Arbor, MI.

*User Interface Developer, Scrum Master* 05/2018-present

- Translate design concepts into user-friendly and time-saving interfaces for a .NET application by using Angular, HTML/CSS, and JavaScript
- Collaborate with UX designers on user research, interviews, and prototyping while advocating for data-driven design decisions
- Automate test cases using Selenium / Robot Framework and maintain smoke tests and regression suites, eventually increasing test execution pass rate from 10% to over 90% in 2021
- Significantly increase engagement in product development from non-technical stakeholders by leading bi-weekly sprint reviews

### **University of Michigan School of Information**, Ann Arbor, MI.

*Graduate Student Instructor* 09/2017-12/2017

- Led two discussion sections and executed lesson plans weekly for 50 students in an introductory Python programming course
- Evaluated over 200 students' code and provided them with feedback each week

### **webit! Gesellschaft für neue Medien**, Dresden, Germany.

*Front-End Web Developer Intern* 05/2017-08/2017

- Communicated web designers' visions by creating responsive web templates using HTML/CSS, JavaScript, and Git
- Created interactive Proof of Concept webpage for project managers to present to clients during design phase

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## PROJECTS

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### **Michigan Secretary of State Translated Sample Ballots Site**

*UX Designer and Webmaster* 10/2020

- Designed and implemented a website for the Michigan Secretary of State office that helps voters find translated sample ballots in Spanish, Arabic, and Bangla ahead of the November 2020 general election

### **Wireless Ypsi Splash Page and Landing Page**

*Designer and Front-End Developer* 01/2018-03/2018

- Designed and implemented a Splash Page and Landing Page in HTML/CSS for Wireless Ypsi's over 3000+ daily users

### **Infotainment System Usability Evaluation**

*UX Researcher and Consultant for Harman* 01/2017-05/2017

- Conducted interviews, surveys, and usability tests for an in-vehicle infotainment system and formulated recommendations for the system's development team at Harman International

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## EDUCATION

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### **University of Michigan School of Information**

*M.S. in Information, Human-Computer Interaction*, 2018

### **University of Michigan**

*B.S. in German*, 2015, 3.98 GPA

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## SKILLS

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### **Development:**

Python, C++, HTML/CSS, JavaScript, Angular, PHP, R, SQL, Ruby, Git, SASS, Grunt, .NET  
*Testing:* Selenium, Robot Framework  
*CMS:* Drupal, Filemaker, Wordpress

### **UX Design:**

Sketching, Wireframing, Prototyping, Personas, Storyboarding, Interaction Design, Responsive Design, Graphic Design

### **UX Research:**

Contextual Inquiry, Interviewing, Survey Design, Quantitative Data Analysis, Usability Testing, Heuristic Evaluation, Affinity Diagram

### **Tools:**

Adobe Illustrator, Adobe Photoshop, Figma, Marvel, InVision, SPSS, RStudio, Hadoop, Tableau

### **Languages:**

English, German, Cantonese

### **Other:**

German-to-English translations, Event Planning, Mental Health First Aid certified

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## EXTRACURRICULARS/HONORS

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**Fulbright Grantee**, 2015-2016  
**Phi Beta Kappa**