

Mingda Tang

User Experience Designer

Education

University of Michigan School of Information

Bachelor of Science in Information - April 2019

User Experience (UX) Track

Overall GPA: **3.72/4.00**

Major GPA: **3.92/4.00**

Contact

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Portfolio: **<https://mdtang.github.io/>**
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Experience

Web App Developer | NASA Ames Research Center | June to Aug. 2017 | Mountain View, CA

- Collaborated with other interns to develop a web application that visualizes agriculture and climate data on a 3D globe, allowing users to interact with both types of data and combine them to show correlations.
- Designed a minimalistic, customizable user interface using CSS3, JavaScript, jQuery, and jQuery UI.
- Conducted usability testing of the app with users of varying levels of computer and scientific proficiency.
- Awarded first place in the 2017 NASA Europa Challenge and winner in GODAN Open Data Challenge at Helsinki, Finland. Visit **<https://github.com/NASAWorldWindResearch/AgroSphere>** to view the project and its source code.

Research Assistant | UM School of Information | Sep. 2016 to Present | Ann Arbor, MI

- 2017-2018: Co-authoring a research paper with mentor Joey Hsiao that will be published in 2018.
- 2016-2017: Studied the behavior and experiences of immigrants to understand the possible benefits and challenges of People-Nearby Applications (PNAs), which are platforms that connect people together using location information. Examples include Tinder, OKCupid, and Bumble.
- Conducted and analyzed semi-structured interviews with immigrants and community volunteers, and interpreted survey data of general PNA users using Qualtrics survey software, Python, and MS Excel.

Program Assistant | Community Action Network | Aug. 2016 to Sep. 2017 | Ann Arbor, MI

- Oversaw Bryant Community Center for fellowship and religious meetings, which include Alcoholics Anonymous and Narcotics Anonymous, as well as events including birthday parties of local residents.
- Prepared the center for next-day operation and ensuring the cleanliness of the entire facility as the only staff available during weekend shifts.
- Registered clients, including low-income families, for weekly food pantry using Apricot CRM software.

Summer Research Assistant | UM Ford School of Public Policy | June 2016 | Ann Arbor, MI

- Evaluated educational and policy standards of Michigan charter schools for statewide comparison models using Microsoft Excel and analyzed statistical differences of data between various public and charter schools in the state.
- Studied research publications to gather details on charter schools and to produce summaries of their policies, history, and performance.

Business Development Manager/Translator | Day Spa | Dec. 2015 to Aug. 2017 | Ann Arbor, MI

- Designed and maintained Spa website utilizing WordPress, allowing for better communication to current and potential customers, leading to a 200% increase in profits for the first four months of the website's operation.
- Distributed ads on online platforms including Groupon and Craigslist, created business plans to maintain revenue and attract new customers, and managed property paperwork with the landlord.

Skills

Languages: English (Fluent) and Mandarin (Fluent)

Programming and Web: Git, Python, HTML, CSS, Bootstrap, JavaScript, jQuery, jQuery UI, PHP, and SQL

UX Tools: InVision, Sketch, Adobe Illustrator, Adobe Photoshop, OptimalSort, Qualtrics survey software

User Research: Conducting and analyzing interviews, surveys, and usability tests; creating user personas, paper prototyping, conducting card sorts and heuristic evaluations

Auxiliary: Sony Vegas Pro, Acoustica Mixcraft, and Microsoft Office Suite (Excel, PowerPoint, Word)