Mingda Tang
User Experience Designer

Education

University of Michigan Expected April 2019
Bachelor of Science in Information
User Experience (UX) Track
Overall GPA: **3.72/4.00**
Major GPA: **3.92/4.00**

Contact

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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 user 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 **github.com/NASAWorldWindResearch/AgroSphere** to view the project and its source code,

Research Assistant | UM School of Information | Sep. 2016 to April 2017 | Ann Arbor, MI

- Study 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.
- Conduct and analyze semi-structured interviews with immigrants and community volunteers, and interpret survey data of general PNA users using Qualtrics survey software, Python, and MS Excel.
- Survey results show that PNAs can be used to learn local information, which is an important finding for immigrants. The English language barrier may be a challenge for immigrants to connect using PNAs.

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.
- 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 public and charter schools. Some standards include academic performance, student attendance rates, number of tutoring programs, and years of instructional experience.
- 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

Design Tools: InVision, Sketch, Adobe Illustrator, and Adobe Photoshop

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

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