

# Alissa Wilson

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## Education

University of Michigan School of Information, Ann Arbor, MI

Bachelor of Science in Information, GPA: 3.6, University Honors, James B. Angell Scholar

Anticipated April 2018

- Coursework Includes: Data Manipulation; Usability Needs and Evaluation; Models of Social Information; Research Methods in Psychology; Statistics

## Experience

### *Federal Bureau of Investigation, Washington, D.C.*

Intern

06/2017 – present

- Coordinated needs analysis for a tool through research and consultation with developers and other units to determine how to best display data and increase overall transparency with stakeholders
- Created a data dictionary to document the properties of each field for a review form in order to streamline business processes. Also prepared a requirements report to communicate necessary business rules, requirements, and formatting with developers.
- Tested tools for business processes to find any issues before deployment

### *University of Michigan Multidisciplinary Design Program – Union Pacific*

Project Team Member

09/2016 – present

- Working on a team with others from multiple backgrounds to develop a tool that decreases the burden on the Union Pacific IT team by allowing business users to easily access data
- Proposed a solution to create a dynamic form connected to a framework we researched to decrease overall query time while providing a method of accessing data without extensive programming knowledge

### *University of Michigan Institute for Social Research, Ann Arbor, MI*

Research Assistant

05/2016 – present

- Working on the Health and Retirement study to code survey data and perform analysis using SPSS for use in academic research
- Create Excel graphs visualizing results from Life History Calendar responses from participants to discover trends in data
- Recruited and performed cognitive interviews with survey participants to improve the quality of the current questionnaire

### *University of Michigan Transportation Research Institute, Ann Arbor, MI*

Research Assistant

05/2016 – 08/2016

- Built state crash data set using the pandas library of Python to fit necessary standards for analysis
- Worked with connected vehicle data and APIs to provide weather forecast data to track correlations with driving habits

### *University of Michigan Undergraduate Research Opportunity Project, Ann Arbor, MI*

Research Assistant

09/2014 – 04/2015

- Earned a first place award for completing research involving blood sample collection and transit procedures and displaying results in a visual and oral presentation
- Analyzed and compiled data from multiple surveys to generate concordances that allows the public self-help access via a website to search the information

## Leadership

### *Alpha Phi Omega (National Service Fraternity) – University of Michigan*

09/2014 – present

- Prepared daily online communication of service, leadership, and fellowship opportunities to over 375 members as the Daily Chair
- Participated as a member of the Social Action Committee, Make-A-Wish Committee, and Health Committee to support these causes through volunteer work

### *Leim Irish Dance – University of Michigan*

09/2014 – present

- Co-designed choreography for annual show as Artistic Director and lead practices for members of varying levels of experience

### *Dance Marathon – University of Michigan*

09/2014 – 04/2015

- Raised over \$300 individually to benefit a child with cerebral palsy and autism and worked as a team to support the cause and reach larger fundraising goals

## Skills

- Proficient in: Python, SQL, Microsoft Office
- Beginning: PHP, R, Stata, and SPSS statistical software