

Jessica Mathis

Seeking Full-Time Employment in User Experience

Contact

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Education

University of Michigan
School of Information
Ann Arbor, MI
B.S. in Information -- April 2018
User Experience Concentration
German and Music Minors
3.97 GPA

Goethe Institut
Freiburg, Germany
German Study Abroad -- 2 months
Classes taught completely in German

Awards and Honors

Phi Kappa Phi Honors Society
University Honors
James B. Angell Scholar

Skills

Programming

Python ●●●●○
SQL ●●●●○
PHP ●●●●○
C++ ●●○○○
HTML ●●○○○
CSS ●●○○○

Design

Adobe Photoshop ●●●○○
Adobe Illustrator ●●●○○

Language

German ●●●●○

Experience and Leadership

Intern at General Motors Quality Data and Strategy Development (Summer 2017)

- Developed a data analysis tool to replace one to which GM was soon losing access
- Refined ambiguous requirements for the new tool by periodically meeting with users from different countries to brainstorm improvements and assess current progress
- Utilized complex SQL queries and VBA to create the new market research tool and front-facing user interface in Microsoft Access

School of Information Graduate Class Homework Grader (Winter 2017)

- Evaluated student performance based on homework and lab assignments
- Received part-time job based on superior performance in undergraduate class

Michigan Athletic Bands Piccolo Player (2014 - present)

Marching Band (2014 - present)

Basketball Band (2015 - present)

- Gained valuable time-management skills to balance a full course load and band rehearsals 20 hours / week
- Successfully performed at a high standard under pressure and strict time constraints

Rank Leader (2016 - present)

- Elected by peer and director input to be one of two leaders in a section of thirty
- Received training in bystander intervention and conflict resolution
- Collaborated with students and leaders of all majors to facilitate the learning of marching technique and halftime shows

Michigan Marching Band Media and Information Staff (2015 - present)

- Managed the image of the band through social media posts that were viewed by thousands of people

Tau Beta Sigma National Honorary Band Sorority (2014 - present)

Recording Secretary (2016 - present)

- Handled documentation of the chapter and ensured members complied with attendance and community service requirements
- Engaged in musical outreach, such as leading weekly flute sectionals at Lincoln Middle School and teaching students at Angell Elementary how to march

Projects

AutoMate (2017)

- Semester-long project to design an interface for an autonomous car interior
- Features a console display and AR windshield showing what the car senses
- Tools used: Illustrator, Invision

MBus Usability Research (2017)

- Analyzed student use of the Michigan Bus app to devise interface improvements
- Methods: interviews and usability tests

MMB Section Websites (2017)

- Spearheaded a project to create websites for each section in the marching band
- Oversaw the design, content, and presentation of these sites
- Platforms used: Illustrator, Wix.com

Course Scheduler Website (2016)

- Collaborated with three other members to create a website for course scheduling
- Languages used: Python, HTML, CSS