

Stephen Alfa

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SUMMARY

Currently a senior at Michigan State University with experience in Web Development, Software Development, and database management.

SKILLS

C++, Python, HTML5, CSS3, LESS, Javascript, jQuery, SQL, PHP, Microsoft Excel

EXPERIENCE

SNWorks, East Lansing, MI
Web Developer

Feb 2017-Present

- Developed and maintained websites for over 50 university newspapers around the country.
- Interfaced with a content management system Gryphon, using Twig to pull information from backend.
- Worked with a full development team to create visually appealing sites that feature user friendly designs and intuitive functionality.

Digital Scholarship and Curation, MSU Library, East Lansing, MI
Student Developer

Sept 2016-Present

- Conducted Quality Assurance on digitized library material.
- Restructured supplemental files associated with dissertations for ingest into MSU Libraries digital repository.
- Collaborated on writing Python script to compare the quality of Optical Character Recognition (OCR) using PyEnchant

Office of Cultural and Academic Transitions, East Lansing, MI
Intercultural Aide Leader

Aug 2016-Present

- Increase student retention rate through aiding over 95 students in their transition to college by supporting them in their academic and social success through resource referrals, and peer mentoring
- Develop an inclusive living and learning communities within the residence halls, by creating opportunities and common grounds for international and domestic students to regularly interact

EnSURE, College of Engineering, Michigan State University, East Lansing, MI
Undergraduate Research Assistant

May 2015-Jul 2015

- Wrote constitution and bylaws for the Brain Mind Institute and Brain Technology Society.
- Developed a website for the Brain Technology Society using WordPress, integrated analytics to track society growth.
- Presented research poster at the Mid-Michigan Symposium for Undergraduate Research Experiences.

EnSURE, Communication Arts and Sciences, Michigan State University, East Lansing, MI
Undergraduate Research Assistant

May 2014-Jul 2014

- Researched normal variability in a normal voice without spasmodic dysphonia to help make strides in finding a cure for spasmodic dysphonia.
- Used software such as ELAN, Lab GUI, ADSV, and Excel to segment, process, and analyze data from subjects that participated in experiments. Wrote a Python script to extract data from audio files.
- Presented research poster at the Mid-Michigan Symposium for Undergraduate Research Experiences.

LEADERSHIP EXPERIENCE

Multi-Racial Unity Living Experiences Leader

Aug 2016-Present

Plan, facilitate, and collaborate with Intercultural Aides in weekly group discussions and various learning opportunities to promote culture awareness and culture understanding

Peer Assistant, Maximizing Academic Growth in College (MAGIC)

July 2015

Served as a mentor to incoming freshmen, providing them with advice on different tips that will lead them to be successful in college.

INTERNATIONAL EXPERIENCE

Freshman Seminar Abroad – Advance Medical Technologies in Japan (Tokyo, Japan)

Aug 2013

EDUCATION

Michigan State University, East Lansing, MI
B.S. in Computer Science, Cognate in French

May 2018