Stephen Alfa

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EDUCATION

B.S. in Computer Science   Expected to Graduate **May 2018**
Cumulative GPA 3.22/ 4.0
Michigan State University, East Lansing, MI

Freshman Seminar Abroad – Advance Medical Technologies in Japan (Tokyo, Japan)   **Aug 2013**

WORK EXPERIENCE

SNWorks, East Lansing, MI   **Feb 2017-Present**
Web Developer
- 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   **Sept 2016-Present**
Student Developer
- Conducted Quality Assurance on digitized library material.
- Restructured supplemental files associated with over 200 dissertations for ingest into MSU Libraries digital repository.
- Collaborated on writing Python script to compare the quality of Optical Character Recognition (OCR) using PyEnchant

EnSURE, College of Engineering, Michigan State University, East Lansing, MI   **May 2015-Jul 2015**
Undergraduate Research Assistant
- 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   **May 2014-Jul 2014**
Undergraduate Research Assistant
- 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

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

Multi-Racial Unity Living Experiences Leader, East Lansing, MI   **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 their academic and social success through resource referrals, and peer mentoring

Peer Assistant, Maximizing Academic Growth in College (MAGIC), East Lansing, MI   **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.

SKILLS

Profficient - C++, Python, HTML5, CSS3, LESS, Javascript, SQL
Familiar - jQuery, PHP, Java
Conversational French