

EDUCATION**Michigan State University**, East Lansing, Michigan*B.S of Computer Science***September 2015 – May 2018****Michigan State University**, East Lansing, Michigan*B.S of Human Biology***September 2009 – May 2013**

**PROFESSIONAL
EXPERIENCE****Stryker**, Fort Lauderdale, FL*Software Engineering Intern***May 2017 – August 2017**

Developed an internal software application to assist with complaint trending using Python (pandas, matplotlib, pyqt5) that helped to decrease the currently manual trending process from about 40 hours to just a few.

Assisted with excel VBA projects through development and bug fixes.

Learned about the software development life cycle to help create software from the planning stage to the end of life support.

ACA Track, Walled Lake, MI*Data Analyst***June 2015 – August 2015**

Worked directly with clients to manage all data integration and coordinate with the employer's payroll, benefit enrollment, time and attendance systems.

Prepared integrated data necessary for IRS reporting 1095-C and variable hour tracking utilizing excel VBA, macros, and pivot tables to be readable by company software.

ScribeConnect, Long Beach, CA*Junior Project Manager***April 2014 – March 2015**

Led the implementation of physician-scribe programs at the Long Beach Memorial emergency department and a local OB-GYN outpatient office.

Educated a physician group consisting of 35 providers on how to best utilize a scribe to maximize efficiency, which resulted in an additional three to six patients seen per 8 hour shift.

Trained newly-hired scribes in the functions of the emergency department, the documentation of the history and physical exam with the EPIC electronic medical record system, and how to keep track of relevant labs and radiological studies.

ScribeAmerica, Lansing, MI*Emergency Department Scribe***January 2013 – September 2013**

Worked as a team with Emergency Medicine physicians and ancillary staff to increase efficiency, decrease length of stay for patients, and allow the physicians more direct patient care time.

Visited patient rooms with physicians to obtain histories of patients and to observe and document medical procedures and physical exams performed by the provider.

Became proficient in medical technology software such as EPIC and IMPAX for charting and following patient statuses, labs, and radiological studies.

**SKILLS /
KEYWORDS****Linux:** Debian family (Ubuntu, Debian)**Scripting:** Bash and utils (sed, awk, grep), Python**General Languages:** C/C++, Python**Backend:** Python (Django), PHP**Frontend:** HTML, CSS and Less, Javascript (jQuery, Grunt)**Databases:** MySQL, SQLite**Version control systems:** Git (GitHub, GitLab)