Zach Weglarz

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SUMMARY

Fourth year Computer Science student who will be enrolling in the Sequential Graduate and Undergraduate Study Program in the Winter 2017 semester in order to pursue a Master's in Computer Science.

EDUCATION

University of Michigan, Ann Arbor, MI *December 2017*
Computer Science in Engineering Major

- **GPA:** *3.95/4.00*
- **Honors/Awards:** Dean's Honor List Fall 2013, Winter 2014, Fall 2014, Winter 2015 Terms, Fall 2015, Winter 2016; Member of the Tau Beta Pi Engineering Honor Society, Member of Eta Kappa Nu EECS Honor Society.
- **Course Highlights:** Computer Security, Introduction to Operating Systems, Web Database and Information Systems
- **Current Courses:** Programming Languages, Advanced Compilers, Introduction to Artificial Intelligence

WORK EXPERIENCE

Duo Security, Ann Arbor, MI *May 2016 - August 2016*
Software Engineer Intern

- Added services and improved the campaign creation process using the Flask and React frameworks for Duo Insight, a free phishing assessment tool that was released in June 2016.
- Created a Splunk application for importing Duo logs into Splunk which was ready for a customer beta release at the end of the internship

Thomson Reuters, Dexter, MI *May 2015 - April 2016*
Software Engineer Intern

- Implemented features in a Windows MFC application to improve the client experience.
- Developed unit tests using the NUnit framework for a new web application being developed.

Accurate Technologies Inc., Wixom, MI *May 2014 - August 2014*
Quality Assurance Summer Intern *June 2013 - August 2013*

- Created test plans and unit tests to vet automotive data acquisition software.
- Wrote unit tests for the VISION API and program interface in C# to implement regression testing.

TECHNICAL EXPERIENCE

- Python, JavaScript, C++, MySQL, Git, HTML, CSS

COURSE PROJECTS

- Developed an audio signal effects processor application in Matlab that applied effects such as flange and reverb in real time.
- Created a command line program that finds approximate and optimal solutions to the traveling salesman problem using minimum spanning trees and branch and bound approaches.