Alexander Holland

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Computer Science Engineering student with a Minor in Music. Pursuing internships and projects related to computer security and software development. I have received awards for Technical Communication and am an accomplished percussion performer.

🎓 Education

2014-2018 **University of Michigan College of Engineering**
B.S.E in Computer Science
Related Coursework : Data Structures and Algorithms, **Computer Security**, Computer Organization
Awards : 2nd 2015 Cooley Technical Writing Contest, 2nd Place 2015 Landes Technical Writing Contest
Groups
> Peer Mentor in Living Arts Learning Community: Mentored students in a living learning community focused around interdisciplinary collaboration and creativity
> Tech Day : Webmaster for the largest recruiting event at the University
> MRover : Designed, built, and tested a rover to compete in the University Rover Challenge

💼 Work Experience

Present
January 2017 | EECS388 : Introduction to Computer Security | Instructional Aide
> Introductory course on computer security. Covered buffer overflows, networking attacks, standard cryptographic functions and protocols and computer forensics
> Facilitated a weekly discussion section to reinforce concepts taught in lecture
> Held weekly office hours to assist students with projects and homeworks
> Assisted with grading of projects and homeworks

Present
August 2014 | University of Michigan Dining | Student Manager/Student Coordinator
> Coordinated the operation of a dining hall
> Supervised, monitored, and assigned work to 10-20 student employees per shift
> Trained students on dining hall procedures
> Ensured customer satisfaction

☰ Skills

Programming Languages : **C++**,C,Java, Python, LaTeX, Matlab
Development Tools : **Visual Studio**, git, gitlab, github, vim
Operating Systems : Windows 10, Windows 7, Ubuntu Linux, Kali Linux

🎵 Music

2016 **Cavaliers Drum and Bugle Corps**
Top 5 Drum and Bugle Corps
Practiced and performed a 15 minute show for 12 hours a day for 90 days during the summer

2016 **Informal Sophomore Recital**
Practiced and performed an informal recital for about 20 people
Works by : Smadbeck, Reich, McCall, Sammut

2013-2015 **Legends Drum and Bugle Corps**
Top 25 Drum and Bugle Corps
Lead a section of 10 people
3rd place at 2015 Individual and Ensemble Competition
Practiced and performed a 10 minute show for 12 hours a day for 60 days during the summer

2015/2016 **University of Michigan University Band**
Performed multiple semesters in the highest non-major band at U of M

2014 **Genesis Percussion**

2013 **Legends Winter Percussion**