

# Alexander Anelli

<http://alexander.directory>  
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## EDUCATION

### UNIVERSITY AT BUFFALO

#### BS IN COMPUTER SCIENCE

Expected May 2017 | Buffalo, NY  
College of Engineering

## LINKS

Personal Site:// [alexander.directory](http://alexander.directory)  
Github:// [xanderrman](#)  
LinkedIn:// [alex-anelli](#)

## COURSEWORK

Linear Algebra (mth309)  
Data Structures (cse250)  
Programming Languages (cse305)  
Algorithms (cse331)  
Computer Organization (cse341)  
Computer Security (cse410)  
Operating Systems (cse421)  
Software Engineering (cse442)  
Machine Learning (cse474)  
Modern Networking Concepts (cse489)  
Integrated Systems Design (cse453)

## SKILLS

### PROGRAMMING

Proficient:

Python • Java • HTML/CSS

Familiar:

C • C++ • Javascript • Golang

### TOOLS

Proficient:

Atom • Github • Eclipse • Slack

Unix • Mac OS • Windows • Wireshark

## EXTRACURRICULAR PROJECTS

### HOLOGEN C# | UNITY GAME ENGINE

UB Hacking 2015 | UB CSedweek 2015 | Nov 2015 | Buffalo, NY

- Constructed a plexiglass pyramid that uses the peppers ghost effect to capture a pseudohologram from the light of an LED TV
- Developed a custom camera array in the unity game engine to ease development for the pyramid
- Programmed 3d versions of Tetris, and Pong using C# and the unity game engine
- Selected by UB CSE department to present to high schoolers and the community at UB CSedweek 2015

### SPINBOT C | ARDUINO | SOLDERING/ELECTRONICS

UB Hacking 2016 | UB CSedweek 2016 | Nov 2016 - Dec 2016 | Buffalo, NY

- Crafted a spinning machine arm out of scrap wood, a cannibalized battle robot, and recycled optical drives
- Actualized an LED persistence of vision display using arduinos, bluetooth, and two LED arrays
- Selected by UB CSE department to present to high schoolers and the community at UB CSedweek 2016

### ALEXANDER.DIRECTORY HTML | CSS | MATERIALIZECSS/JS

Personal Website | Oct 2016 – Present | Buffalo, NY

- Designed an attractive way to display my contact information using the Materialize CSS/JS framework, and HTML

## CURRICULAR PROJECTS

### HACKMAN HTML | MATERIALIZECSS | ANGULARJS | REST APIs

Software Engineering CSE442 | Aug 2016 – December 2016 | Buffalo, NY

- Collaborated with peers using a mean stack to develop software that will ease the organization, communication, and management of hackathons and other group-based events.

## AWARDS

2015	Best Hardware Hack	Liazon & UBHacking 2015
2015	2nd Place Overall	UBHacking 2015
2016	4th Place Overall	UBHacking 2016

## ORGANIZATIONS

- Association for Computing Machinery
- Wikimedia Foundation
- The Python Foundation
- Free Software Foundation