

Andrew Gunner Vetovitz

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EDUCATION

The Ohio State University

B.S. Computer Science and Engineering

Columbus, OH
2014 – Present (Expected December 2018)

GPA: 3.580

PROJECTS

Emoji Hunter Hack OHI/O <https://github.com/skylerreimer/Emoji-Hunter>

November 2016 – present

- Built an Android touch and play application as a team of 4 members
- Created the handler for event concurrency and fixed bugs in Canvas on-screen bitmap
- Learned the basics of Android Studio and screen rendering

QuadTree Imaging <https://github.com/AndrewVetovitz/QuadTreeImaging>

November – December 2016

- Created 2-D graphic art through image compression and partial expansion of saved data
- Subdivided and filled each of the 4 quadrants of the image with the average from the original
- High detail regions continued to subdivide while low detail regions remain as solid-colors
- Learned about the MVC design, image processing, and full stack software development

Project Kindness Kent Hack Enough <https://github.com/reid-fu/projectKindness>

August 2016

- Built a Google Chrome extension to analyze user cognitive emotions utilizing IBM Watson
- Programmed JavaScript nGram tokenizer to store data and minimizing server calls
- Learned the basics of JavaScript and website GET and POST requests
- Correctly reported user emotional feedback approximately 70% of the time

Advanced Energy Vehicle

January – May 2016

- Designed and tested an Arduino Uno powered vehicle to achieve high efficiency output
- Managed the team of 4 people and delegated tasks based on individual skill
- Learned programming to external hardware using C++ and Arduino IDE

COMPUTER SKILLS

Programming Languages

Java (proficient), C++ (familiar), Python (prior experience),
JavaScript (prior experience)

Frameworks / Libraries

Bootstrap (prior experience), JQuery (prior experience)

Technologies

Git, Eclipse, Android Studio, Linux, Windows

WORK EXPERIENCE

The Ohio State University Residents Life

Columbus, OH

Office Assistant

January 2015 – present

- Serviced 500 building residents and interviewed 15 potential new hire candidates

The Ohio State University Summer Conference Housing

Columbus, OH

Conference Assistant

Summer 2015

- Managed a conference of over 200 people including scheduling housing and meals
- Yielded approximately \$50,000 in funds for the organization

ACTIVITIES & LEADERSHIP

Buckeye Hackers Member

2016 – present

- Learned about APIs and frameworks to incorporate into hackathon events

Jones Tower Activity Board President, Past treasurer, Past Sustainability Chair

2014 – present

- Organized events & allocated approximately \$8,000 in funds for over 500 residents

AWARDS

Helen Cowan Book Award

May 2015

- Highest academic honor awarded to freshmen physics students based on highest course grade
- Awarded to 13 students out of approximately 1200 freshmen

PORTFOLIO

LinkedIn

www.linkedin.com/in/andrewvetovitz

GitHub

<https://github.com/AndrewVetovitz>

Personal Website

<https://andrewvetovitz.github.io/>