Andrew G. Vetovitz

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EDUCATION

The Ohio State University Columbus, OH
B.S. Computer Science and Engineering 2014 – Present (Expected December 2018)
GPA: 3.580

PROJECTS

QuadTree Imaging https://github.com/AndrewVetovitz/QuadTreeImaging November – December 2016
- Produced 2-D graphic art by recursively subdividing high detail regions of an image into smaller quadrants while low detail regions remain as solid-colors
- Filled each of the 4 divided quadrants of the image with the average color from the original image
- Calculated region detail by examining weighted color average and luminance
- Designed software GUI including menu features and customizable image options

Emoji Hunter Hack OHI/O https://github.com/skylerreimer/Emoji-Hunter November 2016 – present
- Developed an Android image finder game as a team of 4 members
- Created the event handler to update Canvas on-screen bitmap
- Simplified and reduced code size using Object Oriented Programming technique

Personal Website https://github.com/AndrewVetovitz/AndrewVetovitz.github.io December 2016 – present
- Designed personal portfolio to showcase projects, experience, and resume
- Utilized HTML, CSS, JavaScript and Bootstrap framework

Project Kindness Kent Hack Enough https://github.com/reid-fu/projectKindness August 2016
- Developed a Google Chrome extension to analyze user cognitive emotions utilizing IBM Watson
- Programmed JavaScript nGram tokenizer to store data and minimize server calls
- 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
- Utilized C++ and Arduino IDE to code the hardware
- Managed the team of 4 people and resolved project focus conflicts among the team

EMPLOYMENT

The Ohio State University College of Engineering Columbus, OH
Teaching Assistant CSE 2231, Software II: Software Development and Design (Java) January 2017 – present
Teaching Assistant CSE 2321, Foundations I: Discrete Structures (C++)
- Provided guidance and instruction to students by reviewing programming assignments and homework's
- Held weekly office hours and monitored discussion boards for a total of 80 students

The Ohio State University Residence Life Columbus, OH
Office Assistant January 2015 – present
- Filed paper work with administrators and performed access control of keys and keycards
- Serviced 500 building residents and interviewed 15 potential new hire candidates

The Ohio State University Summer Conference Housing Columbus, OH
Conference Assistant Summer 2015
- Coordinated and scheduled housing and meals for a conference of over 200 people
- Solely yielded $50,000 in funds for the organization

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

ACTIVITIES & LEADERSHIP

Jones Tower Activity Board President, Past treasurer, Past Sustainability Chair 2014 – present
- Coordinated events and allocated approximately $8,000 in funds for over 500 residents
- Lead weekly meeting and organized events to build community and diversity

Buckeye Hackers Member 2016 – present
- Learned about APIs and frameworks to incorporate into hackathon events
- Organized teams and design ideas for hackathons