Andrew G. Vetovitz

Columbus OH 43210 | 440.567.9572 | AndrewVetovitz@gmail.com | https://andrewvetovitz.github.io/

EDUCATION

The Ohio State University   Columbus, OH
B.S. Computer Science and Engineering   December 2018
                                                                                          GPA: 3.560

EMPLOYMENT

Web Application Developer, Intern   **The Scotts Miracle-Gro Company**   Marysville, OH
- Improved manufacturing accountability by digitizing product quality collection   Summer 2017
- Developed backend for shipping yard control process for recording trailer shipments
- Attended weekly meetings to standardize projects and collect business requirements
- Reduced quality inspection times by minimum 1 hour at each production plant

Software Developer, Contractor   **IFAADev**   Cleveland, OH
OurParking.space.com   https://ourparking.space   May 2017 – Present
- Digitized parking application to be used over web based devices
- Worked with business to collect and implement project requirements
- Created Admin Portal to quickly adjust user permissions, price, and locations
- Secured user payment system through user login and Stripes framework

Resident Advisor   **The Ohio State University**   Columbus, OH
- Ensured the safety and wellbeing of 39 residences   August 2017 – Present
- Planned monthly programs and community building events
- Mediated conflicts among floor and building residence

Computer Science Teaching Assistant   **The Ohio State University**   Columbus, OH
- Guided students by reviewing programming assignments and homework's   January 2017 – Present
- Aided students in Software development (Java), Data Structures and Algorithms (C++),
  and Computer Systems (C)
- Held weekly office hours and monitored discussion boards for a total of 120 students

PROJECTS

QuadTree Imaging   November – December 2016
- Coded 2-D graphic art application by recursively subdividing high detail regions of an image into
  smaller quadrants while low detail regions remain as solid-colors
- Solved region detail detection problem by examining weighted color average and luminance
- Designed software GUI including menu features and customizable image options

Emoji Hunter   **Hack OHI/O**   November 2016
- Developed an Android image finder game as a team of 4 members
- Remodeled the event handler to update Canvas on-screen bitmap
- Simplified and reduced code size using Object Oriented Programming technique

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
- Delegated tasks to the 4 team members and resolved project conflicts among the team

SKILLS

Programming Languages: Java | C++ | JavaScript | Python
Frameworks / Libraries: Angular 4 | Google App Engine | Express.js | MongoDB

LEADERSHIP & ACTIVITIES

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