**Andrew G. Vetovitz**

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**EDUCATION**

**The Ohio State University** Columbus, OH

B.S. Computer Science and Engineering December 2018

GPA: 3.530

**EMPLOYMENT**

**Summer Analyst, Intern Goldman Sachs** New York, NY

- Created pricing monitoring tool for New York, London and Hong Kong exchanges May 2018 – August 2018

- 90% reduction in afterhours error management

- Responsible for frontend project design and management

- Built Angular frontend view to display system status information and updates

- Created parser to generalize system file paths and query parameters

**Software Web Application Developer, Intern The Scotts Miracle-Gro Company** Marysville, OH

- Improved manufacturing accountability by digitizing product quality collection May 2017 – August 2017

- Reduced quality inspection times by minimum 1 hour at each production plant

- Implemented Google sign-in authorization for both shipping yard and quality control project

- Developed backend for shipping yard control process for recording trailer shipments

- Attended weekly meetings to standardize projects and collect business requirements

**Software Developer, Remote contractor IFAADev** Cleveland, OH

**OurParking.space.com** https://ourparking.spaceMay 2017 – May 2018

- Digitized parking application to be used over web based devices

- Secured user payment system through JSON Web Tokens and Stripes payment framework

- Implemented CRON system to text users before their parking space expires

- Created Admin Portal to quickly adjust user permissions, price, and parking locations

- Worked with business to collect and implement project requirements

**Resident Advisor The Ohio State University** Columbus, OH

- Ensuring the safety and wellbeing of 39 residences August 2017 – Present

- Planning monthly programs and community building events

- Mediating conflicts among floor and building residence

- Informing residence about campus updates and university resources

**Computer Science Teaching Assistant**  **The Ohio State University** Columbus, OH

- Automated project grading by writing shell scripts January 2017 – May 2018

- Aided students in Software development (Java), Data Structures and Algorithms (C++),

and Computer Systems (C)

- Held weekly office hours and monitoring discussion boards for a total of 110 students

**PROJECTS**

**QuadTree Imaging**  November 2016 – 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

**SKILLS**

**Programming Languages:** Java | JavaScript | TypeScript | C++ | Python **Databases / ORDBMS:** MySQL | Sybase | MongoDB | Mongoose| SQLAlchemy

**Frameworks / Libraries:** Google Cloud | Spring | React | Angular | Node.js | Express.js

**LEADERSHIP & ACTIVITIES**

**RA Advisor of Jones Tower Activity Board** **Past President, Past treasurer** 2014 – present

- Coordinated events and allocated approximately $8,000 in funds for 500 residents

- Acting as a liaison between the hall council and Resident Advisor staff