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1665 E. 115 St. #355
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Education:

Case Western Reserve University, Cleveland, OH — GPA: 3.93
B.S. Computer Science and B.S.E. Mechanical Engineering, Class of 2017

Employment:

Software Engineering Intern – Google — Summer 2016
- Developed Java server infrastructure for Google Maps user facing products
- Designed and Implemented a code generation system with JavaPoet and Dagger to increase developer efficiency and velocity

Software Development Intern – Flashstarts Startup Accelerator — Summer 2015
- Developed Node.js and AngularJS full stack web app as lead developer
- Built Ruby on Rails application in a fast paced business environment
- Created real-time messaging and notification system

Team Software Lead – Biorobotics Lab — Fall 2014, 2015
- Part of the Institute of Navigation Autonomous Snowplow Competition
- Software Development Lead for planning, localization, and navigation
- Developed new coverage planning and reinforcement learning control algorithms

Intern – Silicon Turnkey Express (mechanical/computer engineering) — Summer 2014

Current Projects:

The Insight Project – Social Engineering via the Twitter API
- Automate access to the Twitter API to create a user engagement fingerprint
- Built web app with the Flask Python microframework for analysis, visualization
- Collaboratively filter tweets to guide follower growth, tweet visibility and engagement

Parakeet Localization – Robotics SLAM with a 360 degree camera
- Leverage ROS, Python to create a SLAM algorithm based on a 360 degree camera
- Apply Simultaneous Localization And Motion to combat real world sensor issues

Relevant Skills:

Python, Javascript, Node.js, Java, Git, Robot Operating System (ROS)

Relevant Coursework:

- Introduction to Artificial Intelligence
- Algorithmic Robotics (Master's)
- Programming Language Concepts
- Algorithms
- Intro to OS, Concurrent Programming
- Game Theory