

# Andy Zhang

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## EDUCATION

### Cornell University

2016 – 2019

#### B.S., Computer Science

Specializations in Theory and Machine Learning  
Minor, Electrical Engineering  
GPA 3.93/4.0

## EXPERIENCE

### Computer Vision Developer

2016 – Present

#### Cornell Unmanned Air Systems (CUAir)

CUAir is a project team working to design, build, and test an autonomous aircraft system for the Student Unmanned Air Systems (SUAS) Competition. Currently working on image processing and convoluted neural networks as part of the Computer Vision subteam.

### Controls and Electrical Engineer

2016 – Present

#### Cornell Hyperloop

Cornell Hyperloop is a project team working to design, build, and test a full-scale pod capable of traveling at 200mph on a bed of compressed air. The pod is submitted to the annual Hyperloop Pod Competition hosted by SpaceX. Currently part of the Controls and Electrical subteams.

### Morphometrics Research Intern

Summer 2015

#### University of California, Santa Cruz

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## PROJECTS

### MagaFoods

Spring 2015

Android application using the Yelp and Google Maps APIs to present a visual restaurant search function. Primarily used Java for the application, and JSON for API calls.

### IceBox

Spring 2014

Functional prototype of a thermoelectric cooler that can charge cell phones using temperature differentials, per the Peltier effect.

## SKILLS

### Programming Languages

Java, Python, C++, R/RStudio, HTML/CSS

### Software Tools

Git, OpenCV