

# Jordan Michael Wick

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## EDUCATION:

**Massachusetts Institute of Technology (MIT)**

**Cambridge, MA**

**GPA: 4.9/5.0**

August 2015 - June 2019

*Bachelor of Science, Computer Science*

**Relevant Coursework:** Intro to Interconnected Systems; Intro to Algorithms; Artificial Intelligence; Discrete Math for Computer Science; Design and Analysis of Algorithms; Microeconomics; Computation Structures

## EXPERIENCE/PROJECTS

**Northrop Grumman Corporation**

**San Diego, CA**

*Software Development / AI Intern*

May 2017 - August 2017

- Developed software plugin which allows teams to visualize the flight path of the Fire Scout autonomous helicopter simulation
- Created a model to allow the automatic tracking of a ground target by an Air Vehicle using Deep-Q Networks

**NASA Goddard Space Flight Center**

**Greenbelt, MD**

*Engineering Intern*

January 2017 - February 2017

- Created early-stage system to detect failures in MOSFETs due to radiation events in space
- Developed a system to generate and analyze current pulses from a radiation measurement device, in order to further develop a CubeSat experiment set to launch in 2019

**Netra Systems, Inc.**

**Boston, MA**

*Engineering Intern*

June 2016 - August 2016

- Created Python programs for gathering online images and analyzing manually generated tags, in order to train the company's main product, an object recognition system, to identify products in images
- Generated synthetic training data for deep convolutional neural networks, in order to help the company create a product that allows users to automatically detect and classify furniture and brands in images

## PERSONAL PROJECTS

- Designed/built two multistage coilguns, controlled by either Arduino or self-designed analog circuits
- Assembled a quadcopter with a Raspberry Pi as the brain and created the flight control software
- Developed a Python program to automatically download all Liked Pandora songs from Youtube to computer
- Made a Raspberry Pi server for controlling lights w/ various homemade animations and web interface

## LEADERSHIP & ACTIVITIES

**Gordon Engineering Leadership (GEL) Program**

**Cambridge, MA**

Member - GEL aims to foster leadership both through hands-on lab sessions and the study of leadership

September 2017 - Present

**MIT Freshman Orientation**

**Cambridge, MA**

Orientation Leader - Guided 14 freshmen through orientation week

August 2016/2017

**Wick Ranches, LLC**

**Weatherby, OR**

Ranch Hand - Performed activities necessary for perpetuation of multiple small farms; trained new members

October 2005 - August 2015

## SKILLS & HOBBIES:

**Programming:** Python, C/C++, SQL, JavaScript, CSS/HTML

**Skills:** Wood/Metal Working, 3D Printer and Laser Cutter, Circuit Design/Arduino

**Hobbies:** Hiking, Hunting, Watching Japanese Anime, Wrestling, Soccer, Bhangra, Hip Hop