Dylan **Siegler**

COMPUTER SCIENCE UNDERGRADUATE

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Objectives

Looking for an internship in the summer of 2020. I am a hardworking, driven, and dynamic student and worker and I love to work in groups. I have previous experience in the areas of machine learning, data science, augmented reality development, and iOS development and I would like to further my skills in these areas or develop my skills in other areas that interest me, such as robotics, computer vision, or back end development.

Education

Georgia Institute of Technology   *Atlanta, Georgia*

B.S. IN COMPUTER SCIENCE   *Aug 2019 - Mar 2023 (expected)*

University School   *Cleveland, Ohio*

HIGH SCHOOL DIPLOMA   *Aug 2012 - Mar 2019*

- AP Scholar with Distinction
- GPA 4.02 / 4

Work Experience

Cleveland State University   *Cleveland, Ohio*

RESEARCH INTERN   *May 2018 - Aug 2018, May 2019 - Aug 2019*

- Researched and developed various scenarios to help train nurses more effectively using Microsoft Hololens augmented reality technology (2018)
- Hololens work resulted in being listed as author on paper presented at the 2019 IEEE Smart World Conference
- Created a data set for classifying videos of baseball pitches (2019)
- Developed a novel machine learning approach for classifying baseball pitch videos that improves on the current state of the art (2019)

WRIS Web Services   *Solon, Ohio*

FULL STACK IOS INTERN   *May 2018 - Jul 2018*

- Developed an iOS and web app to help high schoolers find and try out for travel sports teams and helped with various web projects

Case Western Reserve University   *Cleveland, Ohio*

RESEARCH INTERN   *May 2016 - Aug 2016*

- Worked on exchanging selection markers in DNA plasmids via cloning in radiation oncology lab

Activities

Robojackets RoboRacing Team   *Atlanta, Georgia*

MEMBER   *Aug 2019 - Present*

- Working on vision and path planning software for the International Autonomous Robot Racing Competition car

The Agency   *Atlanta, Georgia*

MEMBER   *Aug 2019 - Present*

- Attend lectures and contribute to projects related to machine learning

FIRST Tech Challenge (FTC) Robotics   *Cleveland, Ohio*

TEAM CAPTAIN, LEAD PROGRAMMER, AND DESIGNER   *Aug 2015 - July 2019*

- Won the World Championship and multiple state and regional competitions
- Won awards at state, regional, and world level for programming, design, and innovation

Skills

Programming Languages   Python, Swift, MySQL, C#, Java
Frameworks and Tools   TensorFlow, Keras, Flask, Unity, Xcode