Technology Instructor

Ruben Rodriguez

College Park Scholars – Science & Global Change Program
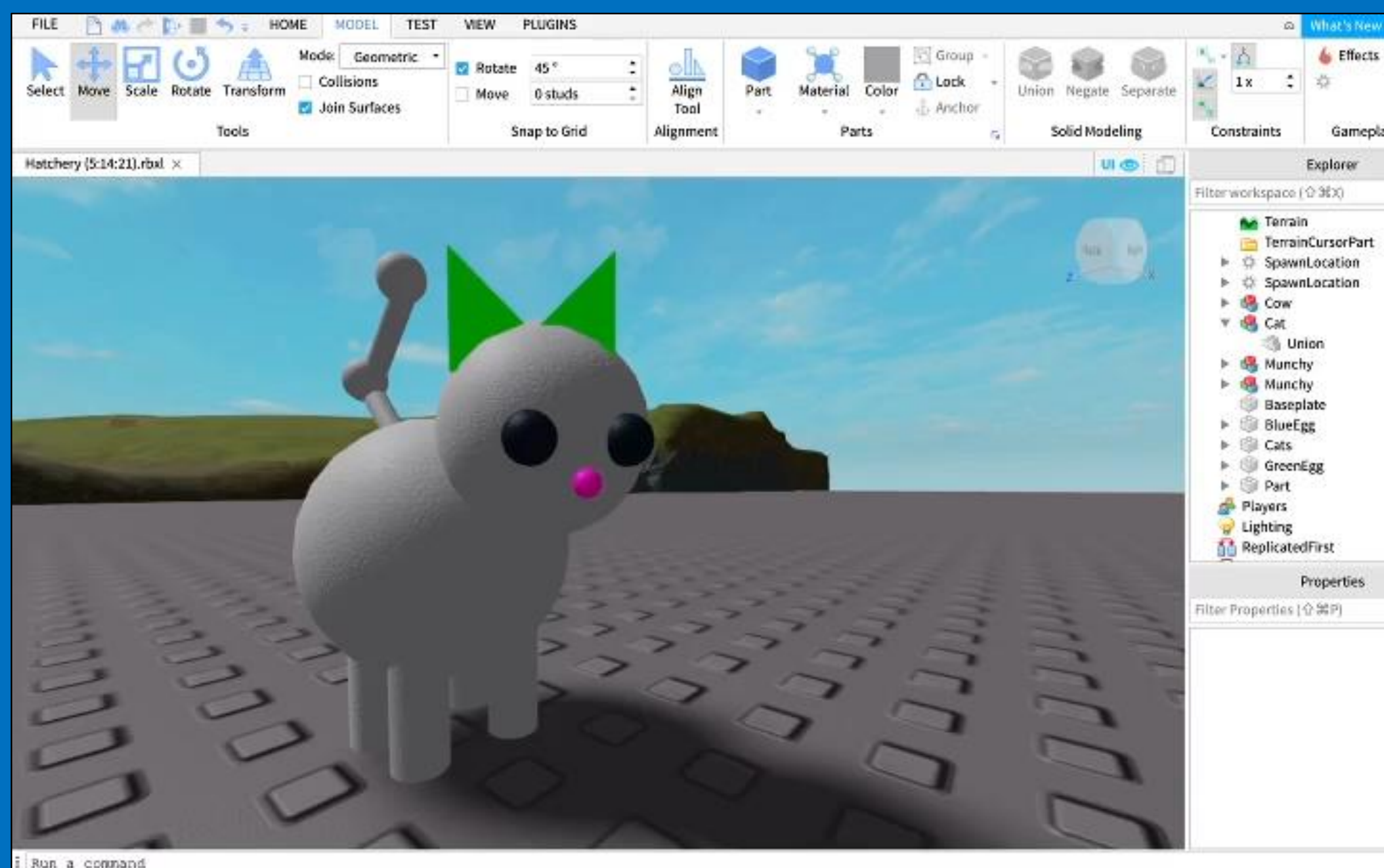Computer Engineering
rrodrig3@terpmail.umd.edu
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Introduction

Summer camp has always been fun, but last summer I worked as a technology instructor teaching kids aged 7-12 various computer skills such as Java and python coding and Roblox and Scratch game design where they campers learn to create their own games.

Above is the pet project that I had the pleasure of teaching in one of my many Roblox game design camps. Here each camper was able to create their own pet design using different shaped parts and welding tools.
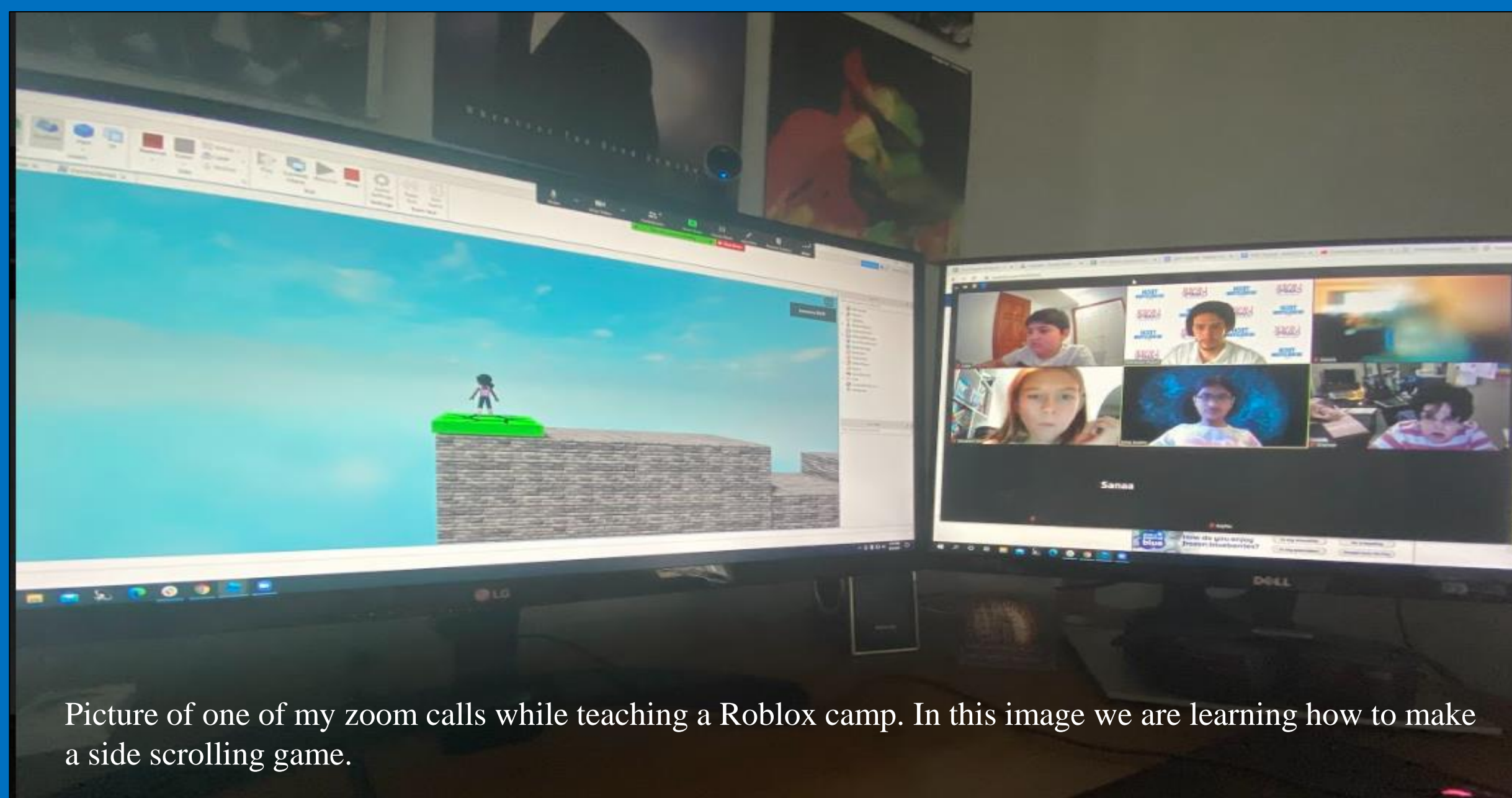
Impact:

The camp experience delivers much more than instruction to the students. At Lavner we make sure to celebrate all of the camper's accomplishments; we understand as instructors the influence that we have over their camping experience and encourage confidence in their work and interaction between the campers.

Activities:

As a technology instructor I ran all instruction throughout the weekly camps. Following a loose curriculum, I taught students skills throughout the week through group and individual instruction, to guide the campers as they create their own projects.

Camps Taught include:

- Roblox game design- kids learn to code and design in Roblox studio and create their own games.
- Java101- campers are taught the basics of Java coding through small projects.
- Scratch101- campers are taught scratch coding through a series of scratch projects.   And many more!

Picture of one of my zoom calls while teaching a Roblox camp. In this image we are learning how to make a side scrolling game.

Site Information:

Lavner Education

Based in Philadelphia with programs across the country.

My supervisor: Ezra Androphy

The main objectives of our camps are to educate and build confidence in our campers all while having fun!

Discussion:

At the end of each week, we perform a white carpet event where we celebrate each campers' accomplishments throughout the week in order to value the effort, they put into learning the difficult topics. This practice leaves the campers happy and confident in their abilities as they depart from our care.

Issues Confronting Site:

Since our operations were moved online, there were several difficulties that came along with zoom instruction. These include interaction with campers, troubleshooting problems, and ensuring that all campers have the right tools to participate.

Future Work:

Lavner education continues to offer both summer and winter camps, teaching children useful technology skills. The Lavner team continues to add a variety of camps such as stock camp, bitcoin camps, digital art camp and many, many more. Their continuing pursuit of education and fun makes our jobs a pivotal role of the camper's summers.

Acknowledgments:

I'd like to acknowledge Ezra, my supervisor, my weekly directors Candice and Brittany and of course Dr. Merck and Dr. Holtz for our amazing Scholars program.