



## TABLE OF CONTENTS

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**Spring Courses**

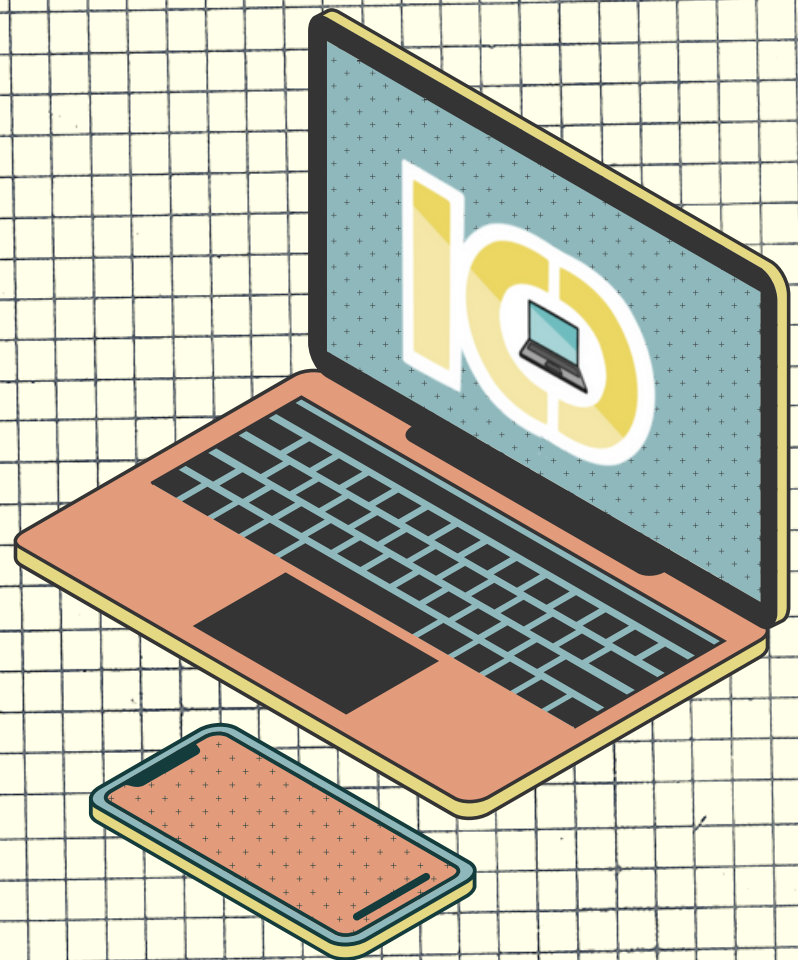
**Summer Classes**

**Donations**

**Volunteering**

**Workshops**

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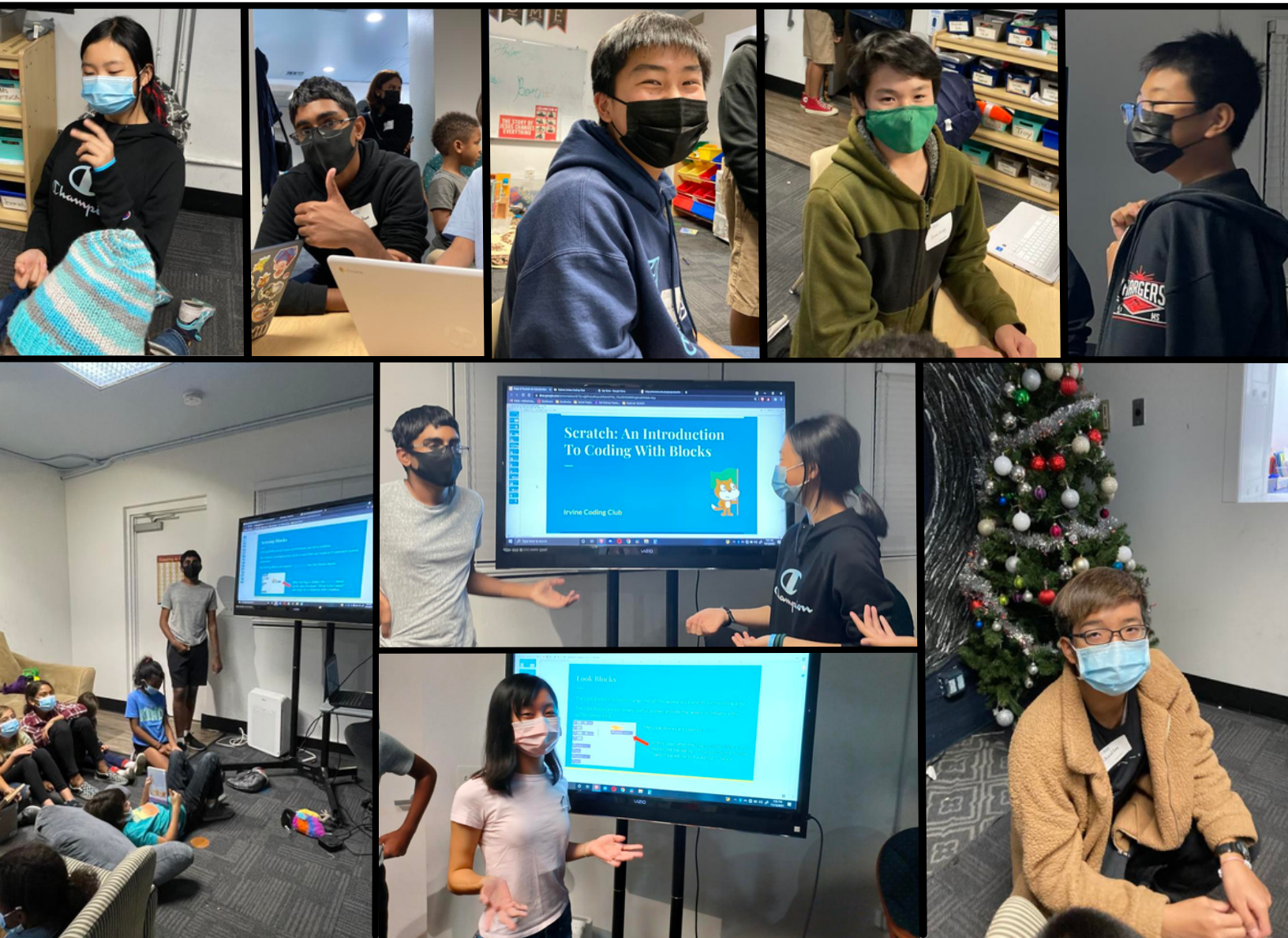
# SHELTER WORKSHOPS

**Sophia Dai, Melody Yu, Claire Wen**

On Friday, November 12th, the Irvine Coding Club hosted a class at the Orange County Rescue Mission (OCRM) on coding, Scratch, and Python. Volunteers taught the class that was dedicated for the underprivileged and homeless children of Orange County. In 2 hours, we taught the basics of Scratch and blocks with a slides presentation and a few small activities.

This was not the first time the ICC had hosted classes, but it was the first time at a homeless shelter. It was also one of our first in-person activities post-pandemic, and we hope to continue adding more classes for more people. This was the start to one of ICCs larger goals to provide education on coding to everyone. We also taught at the OCRM again on December 10 as well and opportunities to volunteer are still available.

Join the ICC Discord for more information on the classes and how to teach and join them. The ICC hopes to continue teaching and reach more people with coding.





## ICC FUNDRAISING

### Mirabelle Jiang

Irvine Coding Club is a non-profit organization founded by students to spread knowledge of coding to other students. Thus, contributions towards our student-run program are greatly appreciated and encouraged. To do so, please go to our webpage at <https://irvinecoding.club/> and navigate to the “donate” button at the top right-hand corner.



Our most recent fundraiser was held at Cha For Tea at University Town Center from 7-9 pm on Friday, December 10th. The ICC team received one dollar for every large drink and fifty cents for every medium drink purchased. The proceeds of our fundraiser will be dedicated towards software purchase, tournament organizations, and much more. Thank you to everyone that participated in the fundraising, we will be hosting others similar to this soon!



# Fall Workshops

## RUBIK'S CUBING WITH FORREST ZENG

**Nethum Sagara**

We kicked off our series of fall workshops this year on September 12th, with Introduction to the Rubik's Cube, a workshop taught by our lecturer, Forrest Zeng. In this hour-long workshop, Forrest took students through the basic method for solving a Rubik's Cube, while also describing the different parts of a Cube and some key terms that one must know while attempting to solve the puzzle. Forrest went over the notation used when solving, listing the different slices and modifiers used, and explained what they mean when looking at a set of written out moves. Students were given time to utilize their new knowledge and play around with their cubes. Then, the class went over step-by-step instructions for solving and they were able to successfully solve their Rubik's Cube. Thank you to Rohan Hablani and Devin Chan for TAing for this workshop.

Forrest Zeng's

**Intro to**

**Rubik's Cube**





# Fall Workshops



## GETTING CRAZY ABOUT CELLS WITH HARRIET LAI

**Nethum Sagara**

Our second workshop was held on September 26th, and was led by lecturers Harriet Lai and Jayden Peng, and went over the topic of biology and cells. The workshop started off with a lecture about the history of the cell, its different functions, and the parts within it. Then, the students were given a link to a model of a cell, and they were allowed to hover over different parts within this model and see what each part did for the cell, as well as see the difference between animal and plant cells. Finally, students were split into teams and competed in a small cell biology bowl, where they were asked trivia questions surrounding the topic of biology. Following an intense competition, Team Cell Membrane pulled ahead and won the competition, with Team Ribosome finishing in second, and Teams Mitochondria, Cytoplasm, and Nucleus all tying for third.



# Fall Workshops

## DESCRIPTIVE WRITING WITH CLAIRE WEN

### Nethum Sagara

In our third workshop, students were taught about descriptive writing by lecturer Claire Wen on October 10th. This workshop, students were lectured about the basics of descriptive writing and the different topics that are part of it, including mood, tone, the five senses, language, characters, setting, and more. The class then went over examples of descriptive writing in the form of pieces of text from famous books, which addressed each of these topics and showed how to use them all well together. Students were then shown a series of pictures and were asked to describe the pictures as best they could, using what they had learned from the lecture to write their most descriptive paragraphs about these pictures. By listening to each other reciting their writing, students were also able to edit their own writing and produce amazing paragraphs with some of their peers' help.





# Fall Workshops



## CONGRESSIONAL DEBATING WITH SOPHIA DAI

### Nethum Sagara

Lecturer Sophia Dai led our fourth workshop, held on October 24th, which focused on Congressional Debate. The workshop started off with a lecture where Sophia went over the structure of Congressional Debate, explaining the different sides that a participant can take, the rounds in the debate, and the ranking process conducted by judges. This was before moving onto the specific structure of a speech. Details on the Parliamentary position were given as well, and the lecture closed with a few tips for a good speech. The rest of the workshop was spent playing the Impossible Speech game, where students were given prompts to talk about and tried to talk as long as possible without faltering. Many impressive speeches were given about various subjects, and some students were even able to keep talking for several minutes. Thank you to Timothy Chen for TAing for this workshop.



# Fall Workshops

## LEARNING TO CODE WITH BLOCKS WITH HAYDEN PARK AND FORREST ZENG

**Nethum Sagara**

Our fifth workshop was held on November 7th, focusing on the programming language, Scratch. Students were first taught the fundamentals of the language, such as what a block was, as well as how to navigate through the programming language. Lecturers Hayden Park and Forrest Zeng then led students through the different types of blocks in the Scratch libraries. Students explored each block category and then they were able to build their own Scratch projects. In the second part of this workshop, lecturers Hayden Park and Tak Nishida introduced the students to operator and variable blocks in detail, and were able to create new creations using these parts as well. The workshop ended with peers sharing their creations in front of the class. Thank you to Oliver Shiwota for TAing for this workshop and Scott Chiang, Kenneth Chiang, and Brian Lantz for creating content for this workshop.

### Scratch: An Introduction To Coding With Blocks

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**Irvine Coding Club**





# Fall Workshops



## PUBLIC FORUM DEBATING WITH KARIS KWON, ISABELLA HUANG, AND SOPHIA DAI

### Nethum Sagara

Lecturers Karis, Isabella, and Sophia taught students the basics of Public Forum debate in our sixth workshop, held on November 24th. The workshop started with a lecture, where the lecturers went over the structure of public forum debate, as well as some key terms. The types of speeches given at different times and what they would contain was taught by the lecturers, as well as a few strategies to use in order to be as prepared as possible. The affirmative and negative sides of each debate was discussed, as well as how to approach each of these arguments in the best possible way. The workshop ended with students playing the Impossible Speech game, where they were given a random topic and asked to talk about it for as long as possible without hesitating. Students did very well, and several students were able to keep talking for one or two minutes before stopping.



# Fall Workshops

## INTRODUCTION TO BINARY WITH TIMOTHY CHEN

**Jayden Peng**

On December 5th, Timothy Chen taught the Introduction to Binary class, which lasted around an hour. He got right into teaching, starting with terminology, then the fundamentals, and near the end talked about the most complex parts; conversions and bugs. Along with his students, he launched into an in-depth explanation of first how binary worked, the forms of it, and how to manipulate it like regular numbers. Then going into harder topics such as Steganography and Data Compression, he led the students on a roller coaster of knowledge and exposed them to a future career pathway. After watching and editing the lecture myself, I was even intrigued and did some further research on the topic of Binary. Stay tuned for upcoming workshops by the Irvine Coding Club! Also, thanks to Scott Chiang for being the Teacher's Assistant during the lecture.

### Intro to Binary



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All recordings can be found on the ICC  
Youtube page:

<https://www.youtube.com/channel/UCqN97rf-M3vnJq5g1IMZx4Q>