

# The Future is Code

This is the golden age of  
computer science

The future will be written in  
code - we need poets...



METROHACKS 2022

November 19-20



# Code Poets

Technology is life.

The future is being written in code.

We want it to be poetry.



A speech-to-text therapy tool that detects mental health and provides counseling. **A system for teens to find local volunteer opportunities.** An app that adds subtitles when speaking to anyone in any language.

These aren't theoretical - they're applications developed during MetroHacks 2021.

**The leaders of tomorrow...  
are already leading the way**

They just need a little help

*“In the new economy, computer science isn’t optional, it’s a basic skill.”*

— President Barack Obama

*“The world needs more computer science graduates.”*

— Forbes

*“Employers fear there is a shortage of workers with a degree in computer science to fill their demand of skilled workers.”*

— Bureau of Labor Statistics

<https://metrohacks.dev/>

# What is MetroHacks?

One of the biggest hackathons ever in the second most populous state in the country - and beyond.

Beginner-friendly, 24-hour virtual hackathon with a focus on applying technology in real apps.



MetroHacks is the largest international youth hackathon based in Texas. In its debut last year, there were **400 registrants** and \$6,000 awards and perks, and the participants included teams from **all over** the United States, Canada, and India.

It is a 24-hour, virtual, and dual division (under 18 & 18 and over) hackathon with a focus on applying cutting-edge technology to a variety of featured areas, organized by the veteran and acclaimed hackathon team ASR-X.

After its overwhelming success and popularity last year, hackathon teams and clubs have formed in high schools in Texas and other areas, looking to not only expand the horizons of application development in the youth community but also to learn, compete, and win at the return of MetroHacks this year.

**November 19-20**

## JUDGING CRITERIA

Creativity

Impact

Technical Difficulty

Execution

<https://metrohacks.dev/>

# What Is Our Vision

For Social Good and To Compel Innovative Change

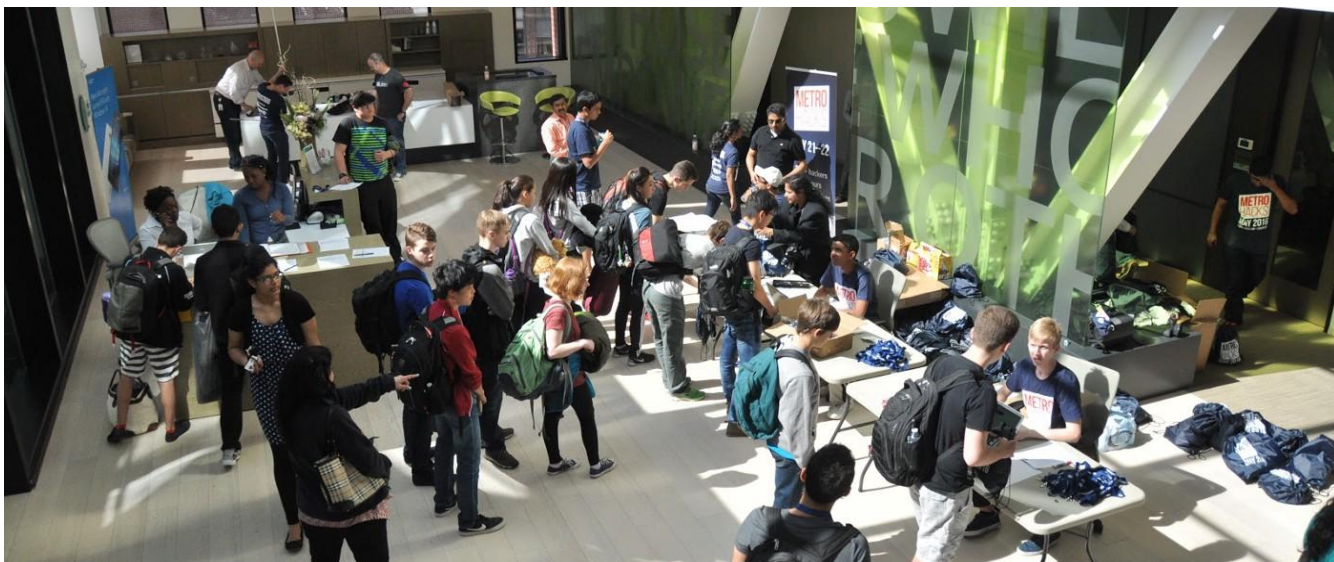


Our vision is to nurture the innovative sparks of youth and unlock their power of creativity by providing an inclusive platform for high school and college students to compete and grow.

We aim to equip tomorrow's generation with cutting-edge technologies and incubate young creative ideas.

We hope that everyone participating in MetroHacks will leave with not only an incredible project to call their own and skills that they learned along the journey, but also a new or rekindled desire to make a difference in the world.

This year, we want to expand our impact to even more hackers around the world!



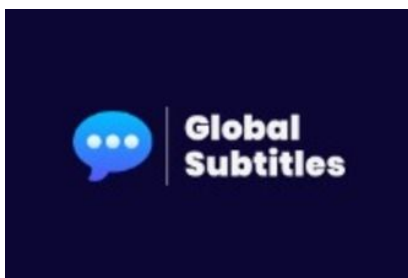
Brilliant ideas.  
Brilliant design.  
Brilliant delivery.



**ZenTube** condenses the information within a YouTube Video so that you can learn, develop, and master skills more efficiently! By generating the video transcript, a concise video summary, and time-stamped key points, you don't need to watch the entire video to gain a good understanding of the subject matter.



**Bubble Tea Tracker** is designed for students - especially high schoolers - constantly going to bubble tea stores after school. While its all fun and games, the spending adds up over time. We wanted to bring back some reality for young teenagers to help them become more responsible and improve their financial literacy.



**Global Subtitles** records not only your voice, but also any audio on your computer and turn it into text using the Assembly API automatic speech conversion API. The program can display any text in a bar at the bottom of the screen, made to smoothly roll the text down your screen, so you can read it comfortably.



**Famille** stores information about your family and displays a family tree where the user is highlighted. It supports images and nicknames and "partner" and "parent" relations in terms of the tree. Famille also stores memories and uses Google Cloud Vision API with Face Annotation, Emotion Detection & Label Detection to give context on images as well as detect emotions.

# Why Google?

Google and its cloud platform have provided a huge development platform and innovative tools to the hackathon community. We personally have used GCP multiple times in our hackathon projects over the years.

In talking to multiple teams and many hackers last year, we found that many love GCP's developer-friendly platform. A hassle-free experience and an extensive toolkit are the dream of a hacker, and no one offers that quite like Google does.

In addition, there is a local hackathon named "hackDFW," title-sponsored by AWS and open to college students only. Although hackDFW had a lot of investment from AWS, its impact was not quite as big as MetroHacks, a member of the Major League Hacking (MLH).

MetroHacks is open to young professionals including high school and college students internationally.

By promoting Metrohacks, Google will be opening the title promotion of its products, brands, and services to the DFW and the international youth community.

No investment is better than investing in the next generations!



# The *Lovelace* Honorarium

Cultivating future code poets



**\$12,500\***

- Email marketing
- Social media amplification
- Swag
- Media relations
- Products
- Services
- Education

**\*Title Sponsorship**

Dito will be a Platinum Sponsor in support of this event as well.



**Ada Lovelace** (1815 – 1852)

Poet/Mathematician

One of the first coders in history

**dito**

transformation  
happens **here**

July 2022

**dito**

**Google** Cloud



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