M | MiBYTES

@The MEZ

Computer Science Summer Camps

Only $25 to attend both camps!

Camps Offered:

Tinkering with Mobile Apps I

Dates: July 10 – 14, 2017   **Rising 9th – 12th Graders/2017 High School Graduates**

This 5-day commuter program is ideal for students who are curious about exploring the basics of computer science. Through engaging lectures and hands-on activities, students will be introduced to fundamental principles of computer science. They will be able to build their own working mobile app with MIT App Inventor. Students learn how to design user interfaces, work with graphics and sound, use sensors and databases to create a functional and interesting app. The final day of the program will feature a Design Expo where students get to show off all the cool apps they made! A field trip and daily recreational activities are planned, including campus tours and socials to give campers a taste of college.

Tinkering with Mobile Apps II

Dates: July 17 – July 21, 2017   **Rising 9th – 12th Graders/2017 High School Graduates**

Over 5 days, this commuter program will extend skills and knowledge gained from Tinkering with Mobile Apps I and show students the basics of building connected apps. These apps will use databases to request and exchange data, connect to other applications to share information and functionality, use web API (Application Programming Interfaces) to share and collect data to and from the internet, and investigate third-party extensions to explore a world of possibilities. The final day of the program will feature a Design Expo where students get to show off all the cool apps they made!

Location: **Michigan Engineering Zone (The MEZ), 663 Woodward Ave #100, Detroit**

*Fee waivers available

Learn more and register: **mibytes-mez.umich.edu**

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