

SUMMER SPLASH WITH CS ZERO!

Python Coding from Carnegie Mellon University An Online Experience!

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| Who can attend? | Students entering Grades 7 through 9 in Fall 2021 |
| Dates: | Tuesday through Friday, July 6-9, 2021 |
| Time: | 10:00 AM – 12:00 Noon (optional office hour for questions from 5-6 PM each day) |
| Tuition: | \$99.00/student |
| Registration Deadline: | July 2, 2021 |
| Camper Limit: | 30 campers – so register today! |



The CMU CS Academy is a project from Carnegie Mellon University's School of Computer Science which developed a novel, world-class, online, interactive middle & high school computer science curriculum. IU13 has received requests from parents and students for text coding opportunities for beginners, so we are excited to introduce this new camp experience for 2021! Campers will receive guidance from Judy Craig, IU13 STEM Consultant, while connecting online with other students who have similar interests and skills. Using CS0 (CS Zero) as an introduction to programming, campers will learn the basics of Python by drawing images, creating animations, and making games! Campers, entering Grades 7-9, can expect interactive problem solving with new friends through a graphics-based curriculum which gives everyone something of interest — from art to games to algorithms!

- ☞ No prior experience in coding is necessary.
- ☞ Each student needs access to a computer and internet connection. Since the CMU CS Academy resources are browser-based, no downloads or installs are required. The curriculum is designed to work well on a Chromebook. For iPads and other tablets, an external keyboard and trackpad/mouse is required to use all features.
- ☞ Browser Recommendations: Use Chrome or Firefox for best performance, but Edge is also supported.

Instructor: Judy Craig is currently the Nonpublic STEM Consultant in Student Services at IU13. She is also a former Algebra teacher and recently received the honor of being named a Keystone Technology Innovator STAR. A member of PDE's STEM Coalition and PA Council of Teachers of Mathematics, Ms. Craig creates presentations on a variety of topics including: Makerspaces, Robotics, Google Apps for Education, Differentiation in the Classroom, and a variety of math topics. She enjoys coaching classroom teachers on integrating technology into their classrooms and leading IU13 SEE Seminars for gifted/advanced learners.

[Click here to register!](#)

CMU CS Academy is co-directed by two celebrated computer science educators: David Kosbie, associate teaching professor; and Mark Stehlik, SCS assistant dean for outreach. A key part of the course development effort, however, has been shouldered by a group of about 30 undergraduate students majoring in computer science and related fields. The CMU CS Academy is supported by SCS, and from gifts from both former Pittsburgh Steeler Franco Harris and Seth Merrin, philanthropist and CEO of the institutional equities marketplace Liquidnet.

Questions?

- Visit [IU13 Summer Enrichment Camps](#), email enrichment@iu13.org, or call IU13 Gifted Education and Enrichment Services: 717-606-1822
- For scholarship information, please email enrichment@iu13.org

NOTICE: IU13 reserves the right to cancel this camp if there is inadequate enrollment. A full refund will be given.

Contact Information

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