



APPLY HERE!  
<http://www.itechstem.org/mentors>

## Are you interested in becoming a camp mentor (counselor) (virtual or in-person) in spring and summer 2022?

- We are looking for undergraduate and graduate students who have some coding and STEM experience or are willing to learn and be trained...
- There are four *paid position opportunities* that seek your consideration...

**Subject Line:** *Virtual/face-to-face Spring-Summer Work Opportunities for Undergraduate/Graduate Students with the University of Houston*

Dear Potential Mentor,

Are you interested in becoming a virtual (online) or face-to-face (in person) camp mentor (camp counselor) this spring and summer? There are four ***paid position opportunities*** that seek your consideration that involve instruction for elementary, middle, and high school students. ***We are looking for individuals who have some coding and STEM experience or are willing to learn and be trained.*** Pre-service teachers are encouraged to apply. We are in the process of collecting a potential pool of candidates. Please view below details that describe each camp and complete the application link.

### MENTOR FAQs AND APPLICATION FORM

Apply here: <http://www.itechstem.org/mentors/>

Thank you for your consideration to apply to these programs. Once your application is received, you will receive notification about a potential online interview within two weeks.

### DATES

**The LEADERS Project** (April 16, 23, and 30, 2022) (on Saturdays) (Grades 3-8)

**ITECH-STEM** (Tentative: June 6-11, 2022) (Gr. 3-6)

**Girls Coding Academy** (Tentative: June 13-18, 2022) (Gr. 6-12)

**BioTechnology Academy** (Tentative: June 20- July 1, 2022) (Gr. 9-12)

### CONTACT

Dr. Bulent Dogan at [bdogan@uh.edu](mailto:bdogan@uh.edu) (ITECH-STEM & Girls Coding Academy)

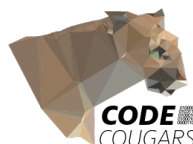
Dr. Heather Domjan at [hndomjan@central.uh.edu](mailto:hndomjan@central.uh.edu) (Girls Coding Academy)

Laura Harlow at [lmharlow@Central.UH.EDU](mailto:lmharlow@Central.UH.EDU) (Girls Coding Academy).

### AVAILABLE PROGRAMS IN 2022

#### 1- LEADERS Project by ITECH-STEM

The LEADERS program is supported by **Cougar Initiative To Engage (CITE)**, Provost's Office at the University of Houston. The project provides opportunities for "Service Learning," "Undergraduate/Graduate Research," and "Direct Real-world Teaching Experience" for





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undergraduate/Graduate students majoring in Teaching and Learning and STEM fields at UH. The program consists of three weeks of Saturday “workshop labs” in April consisting of learning, teaching, and mentoring sessions in the spring semester with faculty industry experts to supervise and instruct students. The LEADERS project involves the following Domains: *Digital Storytelling, Coding, and Game Development*. UH students will teach and mentor students in grades 4-8 and serve the larger UH community. After completing the workshops, UH students will engage in educational research activities guided by the College of Education faculty.

## 2- ITECH-STEM

ITECH-STEM is a summer technology camp and an innovative program promoting/teaching Computer Science (CS) and Technology topics that are popular and emerging with a STEM focus. The ITECH-STEM involves the following Domains: *Digital Storytelling, 3D-Printing, Game Development, and Coding*. ITECH-STEM is hosted by the **Department of Curriculum and Instruction, College of Education, and UH-STEM Center**. We teach students in grades 3-6th grade. Please read our FAQ here and apply: <http://www.itechstem.org/mentors/>.

## 3- Girls Coding Academy for Middle and High School by CodeCougars

Girls Coding Academy is supported by **Hewlett Packard Enterprise Data Science Institute at the University of Houston** and hosted by the **Department of Curriculum and Instruction and UH STEM Center**. This academy is focused on middle school girls (rising 6-8<sup>th</sup> graders) learning *Scratch, HTML, Game Development, and Python* programming and high school students (rising 9-12<sup>th</sup> graders) learning *Python Programming and Game Design*. Please view the FAQ here: <http://codecougars.org/faq/>.

## 4- Biotechnology Academy by ITECH-STEM

The BioTechnology Academy is a "co-curricular" project designed for undergraduate students majoring in Biology, Chemistry, Biochemistry, Teaching and Learning, Engineering, Computer Science, and STEM fields at the University of Houston. The project is hosted by the **“College of Education (COE)” and “College of Natural Sciences and Mathematics (NSM)”** in collaboration, with the help of various faculty ranks and entities, as well as community partners. Mentors will have "training" and "service-learning" opportunities in the summer semester and a series of "yearlong activities" through the "learning community" during the school year. During the summer camp, undergraduate students will learn the theory of molecular interactions, biomolecular structures, protein docking, binding, and molecular dynamics with the end goal of “drug discovery for COVID-19”. Mentors will be teaching students in high school during the summer camp. Please view the FAQ here: <http://www.itechstem.org/biotechnology>.