

# STEM MENTOR

Virtual or In-Person

SPRING-SUMMER 2026

## WORK OPPORTUNITIES FOR UH STUDENTS



APPLY  
HERE

ITECHSTEM.ORG/MENTORS



LOOKING FOR UH STUDENTS WITH  
CODING & STEM EXPERIENCE OR  
WILLING TO BE TRAINED...

PAID POSITIONS...  
TEACH K-12 STUDENTS...

### PAID MENTOR POSITIONS

Are you interested in becoming a virtual or face-to-face mentor (camp counselor) this Spring and Summer?

There are 6 paid position opportunities involving teaching K-12 students.

We are seeking individuals with some coding or STEM experience, or those who are willing to acquire these skills through training.

STEM Majors and Pre-service teachers are encouraged to apply.

We are in the process of collecting a potential pool of candidates. See below details for each camp and please apply.

### APPLICATION FORM

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

Once your application is received, you will receive notification about a potential online interview within two weeks.

### ACADEMY DATES

ITECH-STEM (JUNE 1-5) (UH SUGAR LAND) (GR. 3-6)

CODE COUGARS: AI AND MACHINE LEARNING ACADEMY (JUNE 8-12)  
(UH SUGAR LAND) (GR. 6-12)

BIOTECHNOLOGY ACADEMY (JUNE 8-12) (MAIN CAMPUS) (GR. 9-12)

MOLECULAR ENGINEERING ACADEMY (JUNE 15-19) (MAIN CAMPUS) (GR. 9-12)

INFUSE MENTORSHIP (APRIL 15-JUNE 15) (ONLINE/IN-PERSON) (GR. 9-12)



**ITECH-STEM**

**BIOTECHNOLOGY  
ACADEMY BY ITECH-STEM**



Empowering Girls & Boys in STEM

**AI & Machine Learning  
ACADEMY**



**LEADERS**

**UH STEM Center**  
UNIVERSITY OF HOUSTON

# STEM MENTOR



## CONTACT

Dr. Bulent Dogan at [bdogan@uh.edu](mailto:bdogan@uh.edu) (LEADERS, ITECH-STEM, BioTechnology Academy)

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

APPLY

HERE

[ITECHSTEM.ORG/MENTORS](http://ITECHSTEM.ORG/MENTORS)

## ACADEMIES IN 2025

### ITECH-STEM (In-person)

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/>



### Code Cougars: AI and Machine Learning Academy (In-person)

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 6-8th graders) learning Scratch, HTML, Game Development, and Python programming, and high school students (rising 9-12th graders) learning Python Programming and Game Design. We are adding AI/ML projects to our curriculum in 2025. Please view the FAQ here: <http://codecougars.org/faq/>

### BioTechnology Academy (In-person)

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. During the summer camp, undergraduate students will learn the theory of molecular interactions, biomolecular structures, protein docking, binding, and molecular dynamics with the ultimate goal of "drug discovery for COVID-19". View the FAQ here: <http://www.itechstem.org/biotechnology>

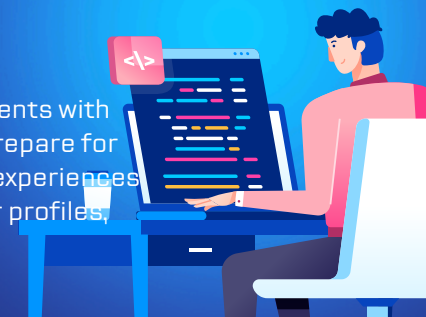
### MOLECULAR ENGINEERING Academy (In-person)

The project is hosted by the "College of Education (COE)" and "College of Engineering" in collaboration, with the help of various faculty ranks and entities, as well as community partners. During the summer camp, undergraduate students will learn how molecules and polymers shape biology and everyday materials through 3D visualization and beginner-friendly computer simulations. Over five days, students will learn fundamentals, run simple computational experiments, analyze real outputs (plots + molecular visuals), and present a mini-research project like a scientific talk. Mentors will be teaching students in high school during the summer camp. Please view the FAQ here: <http://www.itechstem.org/MEA>

### INFUSE by ITECH-STEM, College Pathways Mentorship Program (Virtual/In-Person)

The ITECH-STEM INFUSE Program is a mentorship initiative that connects high school students with college mentors in Medicine, Engineering, and Computer Science to help them successfully prepare for college and future STEM careers. Through structured guidance, college mentors share their experiences navigating admissions, selecting the right high school courses, building strong extracurricular profiles, securing internships, and developing professional networks. Please view the FAQ here:

<http://www.itechstem.org/INFUSE>



**ITECH-STEM**

**BIO TECHNOLOGY  
ACADEMY BY ITECH-STEM**



Empowering Girls & Boys in STEM

**AI & Machine Learning  
ACADEMY**



**LEADERS**

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