

ICPC TXST TEXAS - MEXICO Invitational Programming Contest

Sponsored by ICPC Foundation, ICPC Asia and The Department of Computer Science at TXST

```
def autoDetermineLang(lang):  
    if lang not in ("en", "es"):  
        raise Exception("Input language could not be determined")  
    return None  
    parsedInput = self.parseInputToLanguageModel(inputString, inputLanguage)  
    if not parsedInput or not self.model:  
        return None  
    context.append(parsedInput) # Add new conversation entry to context  
    return (self.model.generateLLMOutput(parsedInput), context)  
  
def parseInputToLanguageModel(inputString, inputLanguage, context):  
    if self.model is None or self.model.language != inputLanguage:  
        # LLM is not initialised or has wrong language, load LLM  
        self.model = self.loadAllLanguageModelsFromDatabase(inputLanguage)  
        if self.model is None or not self.runModel(self.model):  
            raise Exception("AI language model load failed")  
        return None  
    self.model.setLLMContext(context) # Put past conversation into context  
    llmInputParser = self.model.getInputParser()  
    return llmInputParser.parseInput(inputString)  
  
def generateLLMOutput(parsedInput):  
    llmContext = self.model.getLLMContext()  
    llmResponse = self.model.convertInputToLLMContext(parsedInput, llmContext)  
    if llmResponse is None:  
        raise Exception("AI language model failed to produce output")
```



About the Contest

The CS department at TXST is hosting an International Collegiate Programming Contest (ICPC). This contest was successfully organized for the past few years and last year, several teams from various universities from all over Texas and Mexico participated and won certificates. Interested students can come to compete, network with other students and win certificates to help you obtain employment. This is an on-site competition at Derrick Hall, TXST campus. Complimentary breakfast and lunch will be provided. Visit the website for details and travel information.

Who

Any student interested in programming.
No registration fees. Teams of three.

When

Registration Deadline: March 31, 2024
Contest Date: Friday, April 5, 2024

Where

Derrick Hall, TXST, San Marcos, Texas, USA

How to Register

Details, registration info, and practice problems can be found on the website:
<https://acmicpc.cs.txstate.edu/>

QR Code



TEXAS  STATE
COMPUTER SCIENCE

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If you require accommodations due to a disability in order to participate, please email vmetsis@txstate.edu at least 72 hours in advance of the event. Texas State University is a tobacco-free campus.