

# Julia: a new course with a new language

## A CEDAR developed programming course for non COSCI majors

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### Team Members

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### Problem Statement

The University as a whole does not teach a cohesive intro to Computer Science course. Many different departments teach their own versions, often with low enrollment or outdated languages. The current approach wastes resources on smaller class sizes and favors older languages compared to newer more cutting-edge languages

### Results

A course was developed with the goal of fostering a well-done learning environment that is accessible to a variety of students, not just those enrolled in Computer Science

### Background

Obviously, classes in various languages are not innovative, however Julia is a fairly new language and as of currently very few universities in the world teach courses and even fewer, nearing on none, utilize it as a language for a beginning course.



### Challenges & Future Work

The course will benefit from further improvements and an expansion, as well as going through a pilot program to help identify what areas work, and what areas do not.



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