

CHRISTOPHER KEITH GODLEY

Assistant Teaching Professor of Computer Science

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TEACHING EXPERIENCE

CSCI 2270 Data Structures

University of Colorado Boulder

📅 Summer 2018, '19, '21; Fall '19, '23 📍 Boulder, Colorado U.S.A

- Studies data abstractions (stacks, queues, lists, trees, graphs, heaps, hash tables, priority queues) and their representation techniques, includes concepts used in algorithm design and analysis.

CSCI 3753 Operating Systems

University of Colorado Boulder

📅 Summer 2019, '20, '21, '23 📍 Boulder, Colorado U.S.A

- Covers the role of linkers, file systems, resource sharing, security and networking. Studies the history of operating system organization and design and their influence on security, functionality and reliability.

CSCI 3104 Algorithms

University of Colorado Boulder

📅 Summer 2022 📍 Boulder, Colorado U.S.A

- Teaches time and space complexity, sorting algorithms, recurrence relations, divide and conquer algorithms, greedy algorithms, dynamic programming, linear programming, graph algorithms, problems in P and NP, and approximation algorithms.

CSCI 2400 Computer Systems

University of Colorado Boulder

📅 Summer 2023; Fall '22, '23 📍 Boulder, Colorado U.S.A

- Covers how programs are represented and executed by modern computers, including low-level machine representations of programs and data, an understanding of how computer components and the memory hierarchy influence performance.

CSCI 3202 Intro to Artificial Intelligence

University of Colorado Boulder

📅 Fall 2022 📍 Boulder, Colorado U.S.A

- Surveys artificial intelligence techniques of search, knowledge representation and reasoning, probabilistic inference, machine learning, and natural language.

CSCI 1300 Intro to Computer Science

University of Colorado Boulder

📅 Spring 2023, '24 📍 Boulder, Colorado U.S.A

- Teaches techniques for writing computer programs in higher level programming languages to solve problems of interest in a range of application domains.

MY PHILOSOPHY

"Education is the art of providing a knowledge set to disparate individuals, and thusly must be approached with the breadth of the individual in mind."

STRENGTHS

Enthusiastic

Moodle & Canvas

Live Programming

Experienced Teacher & Motivator

Result-oriented adaptive teaching methods

EDUCATION

M.S. in Computer Science

University of Colorado Boulder

📅 Boulder, CO - 2021

B.S. in Electrical Engineering Minor: Computer Science

Washington State University Vancouver

📅 Vancouver, WA - 2017

A.S. in Engineering

Wake Technical Community College

📅 Raleigh, NC - 2014

AREAS OF EXPERTIZE

📁 Software Skills

- Microsoft Office: Word, Excel, Power Point, and One Note.
- Web learning platforms: Moodle, Canvas
- Languages: C/C++, Python, Bash, Verilog

🏢 Professional Skills

- Lesson and assignment planning
- Team management and organization

👤 Soft Skills

- Strong communication and presentation skills
- Enthusiasm and energy for students to feed off of
- Understanding and patience when