Undergraduate Civil Engineering Major

(Computer Science Minor),

**Cade Wilson** will speak on:

**How to Beat 1980’s Snake**

Friday October 27, 2023
DERR 240
12:00pm-1:30pm

**Abstract**

Do you like to play old arcade games? If you do, maybe you’ve played a few rounds of Snake before? In this talk, you will learn not only how to beat your friend’s high score, but also how to win a game of snake. This will include a brief history of the game, instructions on how to play, and a detailed explanation of one way to beat the game. We will explore how such a simple game like the 1980’s version of Snake becomes a very challenging game to win. I will share the story of how I wrote and programmed an algorithm to beat the game. No pre-requisites are needed, however concepts from discrete math would be handy to know.