

# What do they have in common?



Communication Systems Designer

Chip designer

Discrete Optimization Expert

Erdős Pál (the singularity)

Network Analyst

Ingenious Algorithms Designer

Master code breaker

## The Power of Combinatorics

If you are an engineering major interested in communications, compression, and coding theory

If you are a physics major interested in statistical mechanics

If you are a biology major interested in DNA sequencing

If you are a CS major craving for insightful algorithms design

If you are a mathematics major who wants to see something else than derivatives and calculus

Come join us for a little walk through combinatorics and probability!

Combinatorics and Probability, MAT 4953

Dr. Alperen Ergur

This is a first course in the art of counting.

We only assume freshman year math background, e.g. CS 2233, Calc 2, EGR 1324. BUT, we need you to jog with us and not sit on the bench.

