

# QND Computer Science Day 0

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# Welcome!

- Agenda
  - Who am I?
  - Why am I here?
  - Why should you care about Computer Science?
  - Activity

# Introduction

- University of Illinois
- Microsoft
- Ocient
- Google
- Side Projects
  - Fidgets
  - Scoreboard



# Why am I here?

- Computer Science can be hard to self-teach
- CS is for everyone!
- Have an open mind

# What will we be doing?

- 4 Weeks of intro to Computer Science
  - Swift
- Games
- Choose Your Own Adventure
- Wordle
- iPhone App
- **No homework!**

# Why CS

- 3 reasons

# Why CS?

- Fun
  - Creative problem solving
  - Satisfaction
  - Art + expression

# Why CS?

- Career
  - High demand, well paying jobs
  - Differentiator for any field



# Why CS?

- Understanding
- Massive changes coming
  - AI
  - AR / VR

# Questions?

# Your First Program!

- We will write many programs
- Programs are kind of like recipes
- Give the computer instructions, it performs them
- Computers are dumb
- It does *exactly* what you tell it to do

# Your First Program!

- Write a "program" to make a PB + J sandwich
- I will execute it
- Groups of 3

**BE SPECIFIC**



# ROUND TWO

- Let's fix our problems together