

# EECS 16B CSM

Bryan Ngo

Computer Science Mentors

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# Who am I?

EECS 16B  
CSM

Bryan Ngo

Differential  
Equations



- 2nd year majoring in EECS
- first time in CSM!
- took EECS 16B Spring 2020
- How I spent quarantine
  - lots of vidya (Hitman 2, Civ VI, Stellaris, etc.)
  - learned Haskell
  - building mechanical keyboard

# Who are you?

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- Name
- Major
- How you spent quarantine
- Most mundane/interesting fact about yourself

# Logistics

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- Join Piazza
- unexcused absences in first 3 weeks → **auto-dropped & NP**
- excused absences
  - email [bryanngo@berkeley.edu](mailto:bryanngo@berkeley.edu) & cc [mentors@berkeley.edu](mailto:mentors@berkeley.edu) with subject line [Request for Absence] <course>

# Expectations

Me to You

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- Be skeptical
- Constant feedback
- Become passionate about 16B

# Expectations

You to Me

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- Lecture:worksheet ratio?
- Get a webcam?
- Stop typing so loud?

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# Differential Equations

# The Derivative

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$$\frac{d}{dx}f(x) = \lim_{h \rightarrow 0} \frac{f(x+h) - f(x)}{h} \quad (1)$$

- describes instantaneous rate of change



# Differential Equations

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- 3Blue1Brown video