

CS 7290. Special Topics in Data Science. (4 Hours)

How to Present

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Job Opportunities

I got into CS because I preferred inanimate objects...

- Short term

- Software engineer
- Project management
- Post doc
- Start up

- Longer term

- Management
- Professor

Many types of oral/written presentations

Important for both industry and academia

- Formats

- Conference paper
- Survey paper
- Position paper
- Project proposal
- Final report
- Introduce new tools, resources, benchmarks, competitions
- Interview

- Lengths

- Elevator pitch, conference paper (long/short), journal, book, monograph, thesis

- Purposes

- Elevator pitch for a VC
- Job Talk
- Conference talk/poster
- Invited talk (academia & industry)
- Keynote
- Book tour
- Prize
- Podcast
- Debate
- Class lecture

Lots of Examples on YouTube

1. [How to Speak](#)
2. [AI DEBATE : Yoshua Bengio | Gary Marcus](#)
3. [Hal Varian describes search and display advertising, behavioural targeting, and the role of data](#)
4. [Ali Rahimi's talk at NIPS\(NIPS 2017 Test-of-time award presentation\)](#)
5. [Unix50 - The Origin of Unix](#)
6. [VCF East 2019 -- Brian Kernighan interviews Ken Thompson](#)
7. [Steve Jobs' 2005 Stanford Commencement Address](#)

1. Unix
 1. [UNIX: Making Computers Easier To Use -- AT&T Archives film from 1982, Bell Laboratories](#)
 2. [VCF East 2019 -- Brian Kernighan interviews Ken Thompson](#)
 3. [The History of Unix, Rob Pike](#)
 4. [The mind behind Linux | Linus Torvalds](#)
2. Feynman
 1. [Richard Feynman - The Character of Physical Law - Part 1 The Law of Gravitation \(full version\)](#)
 2. [Richard Feynman: Can Machines Think?](#)
3. Weapons of Math Destruction
 1. [Weapons of Math Destruction | Cathy O'Neil | Talks at Google](#)
 2. [Cathy O'Neil | Weapons of Math Destruction](#)
 3. [Weapons of Math Destruction Review](#)
 4. <https://www.acm.org/diversity-inclusion/from-coded-bias-to-algorithmic-fairness>

Expectations

- Practice makes perfect
 - A band starts by doing covers before originals
 - Students will be expected to give lots of oral and written presentations for a diverse set of formats/purposes
 - Classes will discuss what works and what doesn't
- Final project