



CS in the
past,
present &
future

Lecture Outline

01

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History of CS

- Pre-history and mathematical roots
- Mechanical devices
- The turing machine, ENIAC
- Grace Hopper, FORTRAN, early languages
- Integrated circuits & microprocessors
- UNIX
- Personal computers

02

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CS in the 2000's

- Mac OS X, MacBooks, iPhones
- 64 bit processors
- Social media & zoom
- Beginning of Quantum Computing
- Artificial Intelligence & robotics
- Big data, cloud computing

03

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Where CS is going

- Quantum computers
- Improving upon what we have now
- Brain computer interfaces and black mirror-like things? (I'm scared)

