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Values in the workplace

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Final Exam Essay Outline

Thesis:

* The rapid growth in the field of artificial intelligence is the biggest ethic issues facing IT professionals and researchers today.
* Supporting ideas:
  + Unemployment and industrial revolution
* Body paragraph 1 && 2 – Issue and why it’s an issue – unemployment and industrial revolution
  + Comparison to industrial revolution of the 18th and 19th centuries.
    - Technology increases at an exponential rate, meaning that what happened in the 60 years the first industrial revolution happened, we could see in a matter of a couple years, seemingly overnight.
  + Much fast rate of unemployment, many more people out of jobs
    - Moore’s law, rate of development doubles every 18 months, same goes for the sophistication of AI.
  + Current system: Machines save money for companies and systems bring in more profits for them. The wealth isn’t distributed
    - Employee at Tim Hortons makes 11.50/hour, a system that costs $1,000,000 to produce would pay for itself in less than 10 years, and the cost of production would drop very quickly
  + This can’t keep up, because AI will put millions of people out of jobs around the world. Not just manual labor jobs too
    - Japanese company Fukoko Mutual life is already beginning laying off white collar workers, starting with 34 of them who got replace by AI doing scanning of hospital records.
* Body paragraph 3 – What can be done?
  + Creating laws to keep people’s jobs safe isn’t going to work, companies will push and break regulations and pay off the fines
    - Volkswagen gas emissions faking. Companies will do anything to make profit, even if they know it’s wrong.
  + People need to be educated. The safest jobs right now are in STEM, and young people need to be encouraged to move towards those fields.
    - Sweden now moving towards teaching elementary kids to code.
  + Rules will follow, but we can’t expect the entire legal system to shift to moving faster and being on top of stuff, education moves much faster.