

# Borderless Technology and International Relations



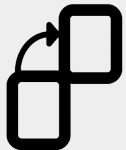
# Key Points

- Steer your career with passion and self-advocacy
- Apply international relations skills to technology – we need you!



# A Little About Me...

- Software Engineer @ Microsoft in Pittsburgh
- Run <https://chaintuts.com> creating Bitcoin & blockchain related tutorials
  - Articles, videos, and code projects
  - On YouTube, Twitter, Github
  - Support: Patreon, Crypto, Spreadshirt Apparel
- Have interest & perspectives on working with global technologies



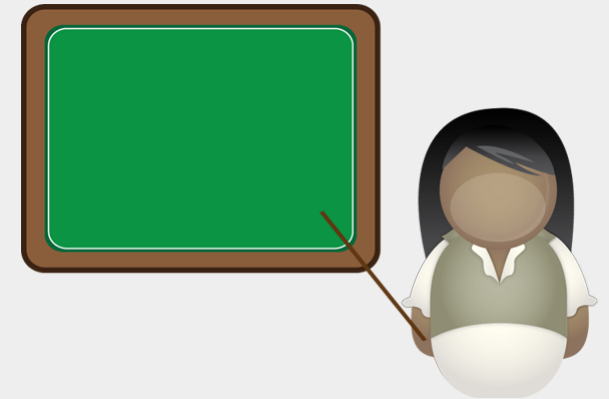
# Some Career Thoughts

- Pursue your passions in and outside of work
  - Find a job that challenges you
  - chaintuts has nothing to do with my day job - I do it because I have a passion for this particular niche
  - Keeps me motivated and passionate about being an engineer
  - Outside of work, I like to stay active – hockey, jiu jitsu, mountain biking, skiing, etc.
    - *Self care is good for your career*



# Some Career Thoughts

- Networking is extremely important -I've had many opportunities just by talking to people!
  - My current job...
  - Denver Blockchain Conference
  - Blockchain in the Burgh meetup
  - This talk!
- *Put yourself out there!*
  - Use social media professionally
  - Join meetups



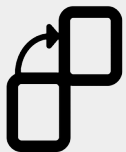
# Some Career Thoughts

- Most of all – Don't be afraid to *advocate for yourself*
  - You don't have to be outgoing to network
  - Put your skills out in front of people in a way that suits you
  - Example: In 2009, a person(s) named Satoshi Nakamoto released – BITCOIN!
    - We don't even know who they are



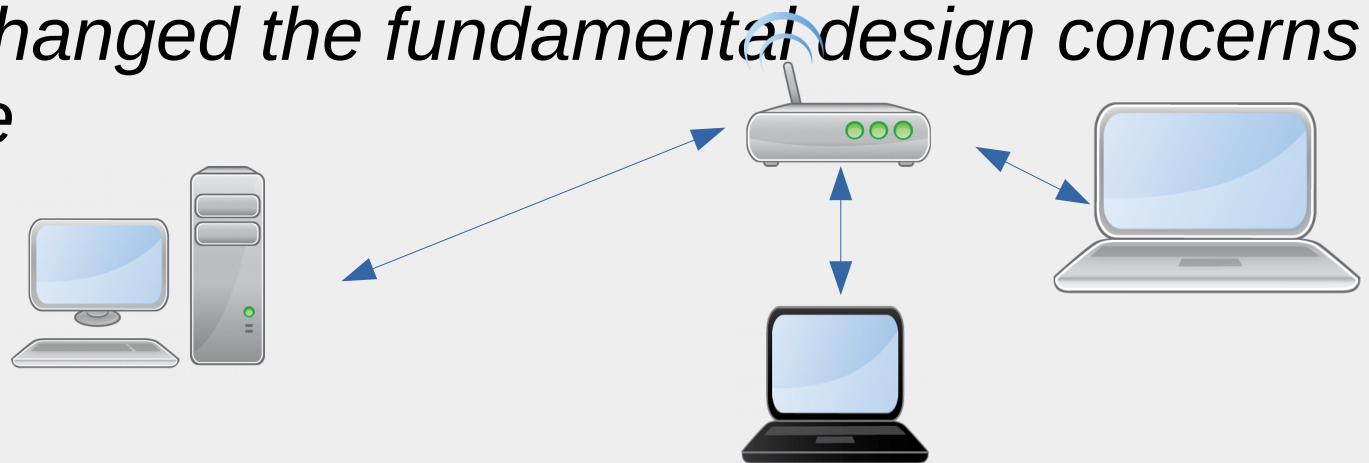
# So What About IR & Technology?

- You're here because you want to work on a global scale, right?
- There's no industry right now that is more global than *computing*
- This goes beyond the corporate world – software projects are changing the fabric of society *right now*



# Tech is Changing...

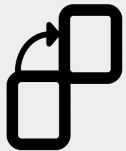
- Software used to be local – then came the internet
  - Computer networks have grown *exponentially*
  - Networks grew beyond national borders
  - Information can travel internationally nearly instantaneously
  - *This has changed the fundamental design concerns of software*





# Solving Cross-Border Technical Problems

- Corporate/commercial software development concerns
- Free and Open Source/Decentralized technologies - fixing societal issues



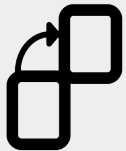
# Working for Global Tech Companies

- Companies now design for the international market
- Products are often *web applications* that can be accessed from anywhere
- Installed software is also localized
- UI/UX and cultural concerns are paramount to understand



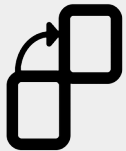
# UI/UX and Legal Concerns

- Localization goes beyond Google translate...
- The industry needs personnel that understand *cultural differences*
  - Things like Polichex – looking out for politically sensitive language (“nuke”, “hung”, etc.)
- Legal and privacy concerns vary from country to country
  - GDPR – General Data Protection Regulation



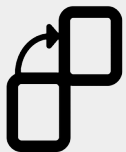
# FOSS and Decentralized Technology

- The most powerful technologies are being developed *outside* of the corporate world
- Technologies solve worldwide problems relating to censorship, privacy, financial distress and more
- These projects are always in need of knowledgeable contributors



# FOSS and Decentralized Technology

- Cryptocurrencies (Bitcoin Cash, Ethereum, etc.)
  - Completely borderless & peer to peer transactions
    - Send money to anyone, anywhere
  - Minimal fees (compare to intl western union, etc.)
  - Decentralized & Censorship resistant
    - Software consensus algorithms – just a network of software users
    - No central institution that must be trusted
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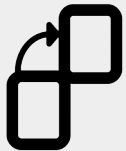
# FOSS and Decentralized Technology

- Tor Browser
  - Allows anonymous internet access
  - No one (governments, ISPs, etc.) can see what you're looking at
  - Used for things like whistleblowing, accessing “forbidden” materials, etc.
  - Protects privacy and therefore *safety* in many cases
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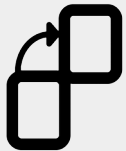
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- Technologies solve critical problems that exist internationally
  - Censoring of speech
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  - Privacy
  - Lack of financial sovereignty
  - General lack of access to resources/poverty



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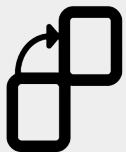
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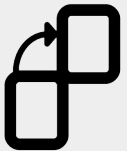


# Final Thoughts...

- Everything is tied to technology now
- Technology is being used for not only profit, but for social good
- Companies & Independent orgs developing this global tech needs people that understand global concerns
- You have the skills – so put yourself out there and use them!



# Questions?



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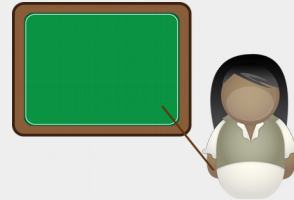
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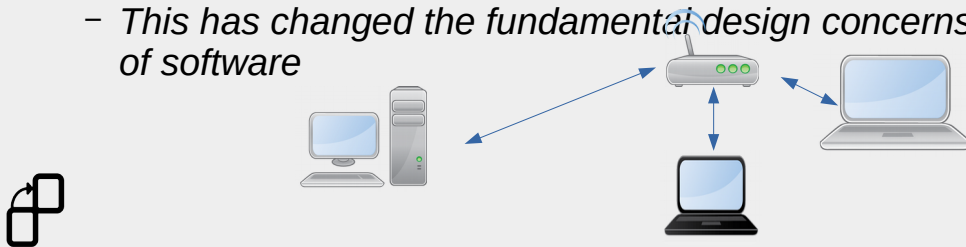
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