# Yours University

Because learning stuff is cool.

# Professor



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# Outline

- **Crypto** (BNs, ECs, Hash, pubkeys/privkeys, ECDSA, Merkle trees, others?)
- **Transactions and Blocks**
- **Scripts**
- **P2P messages**
- **Software Architecture**
- More? (Bitcoin Core and other implementations, segwit, Lightning, BIPs and wallets, etc.)

# Lecture 1: Big Numbers

- General introduction
  - My background (PhD, BitPay, reddit, BitGo, Yours)
  - Bitcoin -> fullnode -> Yours Bitcoin
- Why This Course?
- Installing Yours Bitcoin
- Creating the Examples Repo
- Big Numbers
- Number Formats