Bitcoin Community Action Tree

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Start Here
Why Are you Interested In Bitcoin Right Now?

- I Just heard of it...
- I Like to Keep an Eye on the Pulse
- To Learn More
- I'd like To Buy BTC
- To Work on BTC projects
- To Earn Some BTC

Have your Workforce & Executives Equipped With This

Business Or Individual?

- Business
- Government → Wikipedia Would Have been Fine
- Individual → No..Well... Sort of...

Have you been To bitcoin.com & bitcoin.org?

- Yes
- TL;DR → What are you Five?!? How did you expect To read through this Action Chart?

Why?

- I'm a BTC News Junkie
- Check in On Investment
  - How often Do you Check in?
    - Daily → For sure...r/bitcoin, Bitcointalk, & Telegram (local chat) Are solid Daily places to Congregate
    - Once A Month Maybe Less → Here is some of the most Consistent Reporting: Consider Twobtech & CoinDesk. Also try Joining a Local Meetup.
  - On Big Price Movements → Understandable. Cut Through The noise with r/bitcoinmarkets

Take a Break! Brush up on BTC Facts & History?

- History
- No Thanks → Facts via: Trivia Game Bitcoin Glossary

I did a lot of mining in early 2009

Would you Consider Working on Bitcoin Core or Libbitcoin?

- Yes → C++ is Required. You can Help with BTC Development By Writing and Checking Unit Tests. Here is a Primer On BOOST Unit Testing Framework
  Help With Open Issues Listed here too.
- No Thanks → That's fine, I'm sure you have your reasons. I've asked So my Job is Done Regardless.
- Not Good Enough & /or I Don't know How → You Can Predator! Here's How:
  Ability to Read C++
  To make (& check Existing Coverage of) Unit Tests,
  To Locate Functions & Objects Required for Benchmarking, Writing new Unit Tests and Peer review Code.
  NEVER give in to Self Doubt

Thank you for joining us today! Send Bitcoin Or a Message:

Regarding???

- I understand the Basics But I really want to grasp it better
- I Want to Break the Code...LQQK @ it Under the Hood... Examine Things...
- The Development Process
  - Listen in real-time; Discussions on Nightly changes With #bitcoin-dev
  - Publicly Take Part in Pull Request ACKs Or NACKS On Github.
  - Read proposed Protocol-Wide Implementation Changes: Bitcoin Improvement Proposals (BIPS)

Have you Read The Satoshi Whitepaper (PDF)

- Yes → Very Good. Let's get you initiated. Click this Link and spend the next Year of your free time absorbing Each one. (Really grasp them!)
- No → Okay, here are some other subjects to Study up in preparation for reading Poisson Distribution, Hash Functions, & Proof of Work Systems.

Challenge `ACK` cepted

- Difficult → Successfully DDOS a Main Bitcoin TestNet
- Medium → Git Clone the Bitcoin Repo Grab the Dependencies, build BTC And Write your own Benchmark Tests
- I am no Mere Mortal → Extremely Difficult
  - I'm the Senior Developer of an Altcoin → Create a Spam or DDOS strategy That Effectively Attacks Fraud Proof SegWit Testnet
  - I Break Software for a Living → Use Shadow-Bitcoin to Build and Simulate an Pre-Release Build of Bitcoin
  - I Like Pain → Successfully Implement a 51% attack On any Network

The economic aspects Of Bitcoin. Who is the final say in price Discovery?

Are you into TA at all?

- Yes → What's TA? → TA Primer Lesson Video
  - That was Great! Is there Anymore? → Sure, another TA Primer Video
  - Blah Blah Boring → No problem, You'll want to use FiatLeak
- No, and not Interested → No problem, You'll want to use FiatLeak

Tradingview and You'll feel at home

I'm Still lost! Need help with X

- No worries, it's cool, chill! You Want to check out #Bitcoin IRC Or BitcoinCoreSlack channel
- Roger that. You may prefer /r/bitcoinmarkets Or ##Bitcoin (pricetalk)

Wouldn't have expected a newbie here!? What is Bitcoin – Youtube Video

Don't Worry You'll Catch on...here's Another Introductory Resource

Wikipedia Would Have been Fine

Perfect. Which Best Describes Your Goals?

- Someone Who Isn't Me ... on ...
- Use Mycelium Local Trader or LBC to acquire BTC via Cash
- Looking to Separate My Wealth From Banking system → Do you still Have a Bank Account?
  - Nah man, I'm Better then that
  - Yes → Link an account to a BTC Broker such as Coinbase Trade back portions When Profitable
  - What's a Bank Account? → A tool used by the Banking System To slowly Separate You from your Money in Fees & lost Potential Revenue from investment. Here's a Primer (Video)
- Investment Vehicle Set it & Forget it

Employed Full time?

- Yes → I'm Not Telling You
- No → Service is more competitive But Goods are Harder to sell due to market saturation. Service type Businesses will demand more time and flexibility. But can provide consistent Clients Vs a Generic goods based business.

Offering Goods or Service?

- Goods → Advice?
- Services → Post Services On Craigslist (mentioning that You accept BTC), /r/forhire , & Bitcointalk

Have you worked On Any BTC Related Projects Before?

- Not Sure → Anything Such as Integrating a Wallet Into your App or Implementing BTC Payments on a Site. Building anything That interacts with The Bitcoin Protocol.
- Yes → Did you Enjoy Working with the Library to implement The project?
  - Yes → I'm Glad you enjoyed this library! Have you Written a review or Guide for other devs? Expand outward and Try others to Solve New Problems!
  - It Was Hell → Aww that's too bad I suggest You review Their source code And submit Pull Requests to Add in Desired functionality Or fix Buggy Behavior
  - I've done MANY BTC/Crypto Projects
- Not Yet → Which Language?
  - Software → SW_1
    - C# → BitcoinJ
    - Java → NBitcoin
    - Something Else? → Bitcoin-Python
  - What do you Suggest? → Each one has its Pros and Cons. Pick based on what Language you know. If its genuinely neutral Then go compiled For higher efficiency & Don't Reinvent BTC, Adding in new features It's a payment Network!
  - Web Oriented → Web_1
    - JS → Bitcore
    - Ruby → Bitcoin-Ruby
    - Perl → Bitcoin-pl
  - Go Lang → SW_2 → BTCSuite
  - Haskell → SW_3 → Haskoin
  - C → Cbitcoin
  - C++ → Libbitcoin

Easy: Python , Go
Medium: Java, C# , Ruby On Rails
Hard: C/C++
(Mobile) Android: Java
(Mobile) IOS: Swift

These languages alone don't make you a Good nor Competent programmer. Knowing And executing Best Practices in Security, Memory Utilization, Programming Patterns , When to use Libraries & effective Separations Of Concerns within applications Will separate you from the Mere Mortals...

Do you have Bitcoin you Can invest?

- No → Want to Earn BTC Full Time?
  - No → Have Skills For Hire?
    - Yes → Virtual Goods?
      - Yes → Sell Virtual Goods With Satoshi Box & Bitcointalk
      - No → Post Goods on On Craigslist , (mentioning that You accept BTC), /r/Bitmarket , & Bitcointalk
      - Not Sure → Virtual Goods Include E-Books, Steam Keys, Gift Cards, and Digital Products.
    - No → Enjoy Writing?
      - Yes! Finally! Something I Can Do!
      - No → Writing is an excellent way To earn BTC! Here are your Options: Bitcointalk with a signature campaign or Articles & Replies on Zeuchain If you're really confident you Can do coin analysis & Freelance for the News-Circuit
  - Yes → Pretend 750K people worldwide use BTC What does your good or service cost? One time purchase or repeat? Is there enough Money in the BTC market for your idea?
    750K * Price - Operating Expenses Equals Profit Potential
  - Advice? → Find Full time Opportunities Through Coinality , Craigslist , & Honeybadgr
- Yes → Good With Math?
  - Better than Most → Build A cross Currency Arbitrage Tool That works For Different Alt-coins Across Multiple Exchanges ...Host this and Charge a fee on profits gained.
  - No Thank You, my Calculator does that...
  - Know The Basics Open to Learn More Though → Enjoy Speaking?
    - I don't mind being heard → Get in on Content Production! Whether this means play video Games on a Twitch profile, A Youtube Channel, a Podcast A Soundcloud stream... Consistently create interesting Information on your medium Use QR codes and bitcoin Uri links (Example to the Right)
    - No, I really Don't → Uh Oh, You're in A Pinch...No Skills, No Ambition to Discuss Nor Creative Drive...
      All I have got left is: Use Coinmaster or Amazon MT + Purse
    - I would, If I Were Any Good at It. → You're in Luck. Here Are a few linked resources To help you discover your Delivery Style, Confidence Timber, Preferred Cadence And Methods to good Content Production
    - Cryptography → Cryptography is the noble Path to learn how BTC works On the Protocol Level. Study ECDSA , Merkle Trees, and Cryptographic Hash Functions.
    - Which Path?
      - Number Systems → Number Systems are the Fundamental basis for how Computing systems work. The computer does all its Processing using Binary. Uses Hexadecimal to save Energy instead of doing math Using impossibly large Numbers if we were to count Them using 1-10...
      - Statistics → Statistics will help you Develop Forecasting Models providing you with the Foundation to understand Distribution Mechanisms & How BTC is Protected

Anything Specific?

- Basic Programming, Scripting, & /or Website Development → Welcome to the Scene! You're likely Browsing This On a web-page (html) Styled With CSS (pick trees up first). Get comfortable & from there Move onto Scripting. Scripting Languages are great For Automation – Bash , PHP, Javascript , & Powershell are all Great technologies to glue Tasks together.
- Security & Server Administration. → Server Administration & Security Could Take its own Flow Chart! Condensed down we have: SSL implementation, Sandbox Values , Pen-Testing , Hardware Virtualization, Docker, Cgitan , Hardening Security, & Database Mgmt.
- Software & Mobile Development

Good With Computers?

- Yes → Open To Learn
- Stop the Wasting Time with Questions → With that level of Ineptitude I can Only Recommend Faucets And Coinchat.org
  You should have Been more patient. Here is a Joke that will Help you learn patience But you MUST read Through it all!

Follow this tree (From START) to take action Within the Bitcoin ecosystem! This was purposely designed for all Levels of Participation. Anyone should be able to use this Chart To Devise a plan in which they contribute to The Bitcoin Ecosystem through either learning or Action!

Questions, Comments?
http://goo.gl/IEZLdx
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