TABConf

H Hackathon   W Workshop

NOVEMBER 4 · THURSDAY

10:30am – 12:00pm   W **BitcoinJS**   B304 - Independence Village
Speakers: Kevin Mulcrone
Ever wonder what exactly your bitcoin wallet does under the hood?

In this workshop we will be building our own bitcoin wallet from scratch to gain a better understanding of how bitcoin and bitcoin wallets work.

We will be writing code in Javascript using BitcoinJS.

This workshop is guided by code, but high level enough for plebs to follow along.

10:30am – 12:00pm   W **Sapio**   B302 - Socratic Village
Speakers: Jeremy Rubin
Sapio is an in-development tool that empowers Bitcoin Developers to craft smart contracts in an intuitive, safe, and composable way. Sapio challenges the notion that you can't make complex smart contracts for Bitcoin, and opens the floodgates for a myriad of new ideas to be defined easily. Jeremy Rubin will be instructing.

1:00pm – 2:30pm   W **DLC Workshop - Ben Carman**   B302 - Socratic Village
Discreet log contracts (DLCs) are an exciting new technology that facilitates conditional payments on Bitcoin. By creating a Discreet Log Contract, two parties can form a monetary contract redistributing their funds to each other, based on preset conditions, without revealing any details of those conditions to the blockchain. Its appearance on the blockchain will be no different than an ordinary multi signature output. Therefore the contract is discreet in the sense that no external observer can learn its existence or details from the public ledger.
See the specs here.
This workshop will be run by Ben Carman.

1:00pm – 2:30pm   W **Zebedee**   B304 - Independence Village
Sponsors: Zebedee
Adding the ZEBEDEE SDK into your toolkit will unlock a new frontier of creativity and transform the profitability and engagement of your gameplay and digital experiences.
ZEBEDEE offers a robust RESTful API allowing for the integration of Bitcoin Lightning microtransactions into Games and Applications. ZEBEDEE's API aims to provide developers an easy path to integrating Bitcoin by abstracting all of the complexities of the underlying system, and by providing development tools such as SDKs and web clients.

2:30pm – 4:00pm   W **Bitcoin Dev Kit**   B304 - Independence Village
The Bitcoin Dev Kit (BDK) project (originally called Magical Bitcoin) aims to build a collection of tools and libraries that are designed to be a solid foundation for cross platform Bitcoin wallets, along with a fully working *reference implementation* wallet called Magical Bitcoin. All BDK components are designed to be lightweight and modular so that they can be adapted for virtually any use-case: from single-sig mobile wallets to multi-billion-dollar cold storage vaults.
This workshop will be run by Thunderbiscuit.

| 2:30pm – 4:00pm | W | **Sphinx Chat** | B302 - Socratic Village |

For the first time, real money and free speech can be sent instantly around the world for near zero cost. This will unlock a better version of things we use today and inspire completely new use cases that we can't imagine at this point.

Sphinx is a free, open source browser for the lightning network. We've built encrypted file storage, group chat, bots, people directories, authentication, and more that all work with the Sphinx browser.

| 4:00pm – 5:00pm | H | **Hackathon Kickoff** | Room 301 |

⬛ This is the official kick-off for the hackathon! Build cool stuff with Bitcoin for a chance to win prizes. There are **$6,250** in prizes! If you are interested, please sign up here: https://tabconf.com/hackathon/