Bootcamp

# Objectives

* Become a developer
* Learn how to audit
* Learn Blockchain Labs inner procedures
* Get to know the team

# Criteria

* Real life project experience with Web3js, geth cli, truffle, testrpc.
* Real smart contract / ICO audition is done with accordance to “Smart Contract Security Best Practices” and Blockchain Labs recommended procedures.
* Real ICO is done with tokens issuance and smart contract(s) development and deployment on the web with front-end and Web3jsv integrated.

# Resources available

* video tutorials (udemy.com)
* github projects examples
* ethereum.stackexchange.com
* truffleframework.com
* OpenZeppelin community
* blockchain developers on the test network (Ropsten)
* Blockchain Labs team

# Weekly plan

1. Geth cli, truffle/ganache/testrpc, web3js + front-end development, Ropsten / Rinkeby difference
2. Learn the best practices, try static analysis on github’s projects
3. Practice Best Practices techniques I learnt, write and run tests.
4. Learn about ICO. Learn how to design architecture of smart contracts, then design and audit one. Get feedback from the team (on architecture).
5. Develop simple frontend for our contracts just to clarify how web3js works.
6. Deploy contracts on Ropsten/Rinkeby, get feedback, improve, remove security breaches. Deploy it to the real network.