

# ANTON CORBIJN

Accomplished Software Engineer and Blockchain expert with strong professional background in software development, web development, blockchain technical consulting and development, decentralized application development, ICO advisor. Have been a long experienced veteran in blockchain field since its initial development. Have educated skills and expertise in software engineering, computer science, fundamental principles of cryptography and blockchain technologies in full-lifecycle work across multiple technologies. Love and enthusiastic for Ethereum development, expect its thrilling future. Very flexible, fast learner, proven ability to adapt to new technologies.

## TECHNICAL SKILLS

- Programming languages: Javascript, PHP, Python, Go, C/C++, Solidity, Ruby.
- Frameworks & Libraries: Ruby on Rails, Symfony, Node, Express, Meteor, React, Vue, Truffle, Web3, Clojure
- Database Management Systems: MySQL, Oracle, MsSQL, PostgreSQL, MongoDB, BigChain
- Additional Blockchain tech: Cryptography, IPFS, Hyperledger, Hashgraph, Atomic swap, Static channels, Ripple, EOS smart contracts, Stella, Masternode development, GPG/PGP, P2P, Matching engine mechanism, Exchange platform, DevOps, Smart Contract audit

Systems: UNIX: GNU/Linux (esp. Ubuntu/Debian, Redhat/Fedora, Mandrake/Mandriva, and Gentoo), Mac OS X.

Virtualization and containers: VirtualBox, Qemu, Docker, Vagrant, AWS, Digital Ocean, Vultr, and Arpnetworks in both production and test environments.

## PROFESSIONAL EXPERIENCE

### Fraction/al, Toronto

2018 - Current

#### Senior Blockchain Developer

- Development of Fraction/al Application that tokenize/fractionalize security/real estate ownership.
- Development of smart contracts for fraction/al management.

### RECRULY, London

2018 - Current

#### Senior Blockchain Advisor

- Support Business idea in terms of blockchain development and ICO campaign.
- Research and apply Hashgraph and Hyperledger technology into their Recruly platform.
- Guidance development of Recruly ICO launch, guidance writing whitepaper.
- Design initial version of blockchain-based GDPR solution product
- Coordinate infrastructure and work for initial public release of Recruly code and blockchain.

### COINLAUNCH, Toronto

2017 - Current

#### Senior Blockchain Developer

- Developed Dapp creator, Smart Contracts, Integration with UI.
- Developed ICO as a Service.
- Development of Private AppChain and CoinExchange.
- Coindrop dapp development
- Development of btcsuite, an alternative bitcoin implementation in Golang, focused on the json-rpc protocol and the rpc server.
- Development of the CoinLaunch Web wallet in NodeJS
- Development of the cross-platform CoinLaunch GUI wallet using Electron
- Support ICO project of CoinLaunch.

## **COINMETRO, Hong Kong**

**2017 - 2018**

### **Senior Blockchain Developer, FullStack Developer**

- Support Business idea in terms of blockchain development and ICO campaign.
- Deliver strategic technical solutions to match business requirements and project life cycle deliveries, provide structure of development activities.
- Research existing tokens and previous ICO's and created a technical framework to launch ICO and construct an Ethereum based blockchain system.
- Developed Smart Contracts for token sale, audited, developed Dapp for integration between smart contracts and web UI.
- Senior role in WebApp, Daemon, API development for pre ICO and main sale.
- Coinmetro payment processor (Golang) including rest API for external use
- Bitcoin exchange software focusing on a control language and interpreter (written on Golang).
- Technical support in exchange platform development.

## **CRYPTOARBITER, New York**

**2016 - 2017**

### **Senior Web/Blockchain developer**

- Developed arbitrage trading algorithm, taking advantage of the volatile cryptocurrency market.
- Integrated over 50 exchanges with REST endpoints and WSS feeds to get real time and historic data
- Build and release manager for CryptoArbiter.
- Development on Arbitrage daemon, wallet, and test code in Golang
- Build intermediate Bitcoin exchange based on Peatio using Ruby on Rails.
- Build AppLogic component that integrates with Peatio and Barong OAuth in Ruby on Rails.

## **BRIMIT, Amsterdam, Netherlands**

**2012 - 2015**

### **Senior Programmer / Analyst**

- Developed clean, maintainable object-oriented code following conventions, MVC pattern, clear separation of concerns, SOLID principles, and domain-driven development.

- Wrote maintainable tests to support development, including unit tests, functional tests, and performance tests.
- Assisted in adding JavaScript unit tests based on Jasmine and PhantomJS.
- Introduced Python unit tests in the team using Unittests and nose.
- Contributed to the addition of BDD tests for the back-end API using Python Behave.
- Introduced the team to continuous integration practices and tools (Jenkins).
- Extended internationalization functionalities using Pybabel and Gettext.

## **MEDIAMONKS, Hilversum, Netherlands**

**2009 – 2011**

### **Senior Software Engineer**

- Developed an internationalization solution for this eCommerce platform - a monolithic Rails application - with a customer facing front-end enhanced with jQuery and an articulated admin/back-end built as a Ext JS app. The process followed was very much Agile and test-driven, in a continuous deployment setup. It started from a local Vagrant environment, going through a Jenkins CI-system running Jasmine unit tests, RSpecs, and Cucumber Features - and a code review workflow structured around Github pull requests - and ending in a production deployment automated.
- Supported the front-end team by building a suite of front-end performance automation tests written using Grunt, PhantomJS, and YSlow, to track front-end metrics and degradation of performance as part of the CI tasks.
- Developed a template engine, based on Handlebars and Express.js, used to preview and compile HTML newsletters.
- Built a proxy-cache command line application built to abstract front-end development from the Rails back-end by selectively caching or proxying the HTTP requests.

## **BRIGGE GLOBAL, Schipol, Netherlands**

**2005 – 2009**

### **Senior Programmer**

- Developed the infrastructure and software using Perl, Unix shell, and Java for the publication side of Reuters Health, a Reuters subsidiary.
- Created a program for line segment recognition in a noisy, interlaced video stream.
- Created software for visually constructing and processing graphs using a set of implemented image-processing algorithms.
- Implemented 20+ mathematical image processing algorithms.
- Gained experience in analyzing algorithms documentation and using it as instructions for implementation.
- Gained experience in working with scientific software in a team setting.

## **EDUCATION**

**B.A. Computer Engineering, UNIVERSITY OF AMSTERDAM**

## **SPECIAL ORGANIZATIONS**

- Member of the Bitcoin Community and their predecessors, the early researcher and contributor of blockchain.
- Member of CoinMetro – Amazix Community and supporter of blockchain idea development.

## **OPEN SOURCE**

- Contributor to Mautic – Open source marketing automation platform.