

Work experience

Nov 2020 - Present

Spacemesh

Senior Golang Software Engineer

Developing the core part of the Spacemesh cryptocurrency and its consensus algorithms

Feb 2019 - Nov 2020 (1 year 10 months)

Skycoin

Senior Golang Software Engineer

Projects:

1) Skywire Meshnet and VPN (<https://github.com/skycoin/skywire>)

Joined the project at the initial development stage. My responsibilities have been coding, system design,

deployment, reliability monitoring, code reviews.

2) Skycoin cryptocurrency (<https://github.com/skycoin/skycoin>)

Worked a few months on features for newer releases.

Dec 2018 - Feb 2019 (3 months)

Freelancer at Upwork

Projects:

1) Cryptocurrency mining pools in Go and Javascript

2) Cryptocurrency miner in C and C++

3) Trading bot in Go

4) Microsoft Office Go library UniOffice (<https://github.com/unidoc/unioffice>)

5) PDF Go library UniPDF (<https://github.com/unidoc/unipdf>)

Jul 2017 - Dec 2018 (1 year 6 months)

Uleymining

Software Engineer

Projects:

1) Cryptocurrency mining pool (<https://uleypool.com>)

Worked on pool business logic and API development, deployment setup and management.

2) Mining rigs remote management software

Worked on software architecture design, backend development, rig software development (Windows), bare metal development for a hardware watchdog (AVR), user-mode GPU driver reverse engineering.

Jul 2016 - Jun 2017 (1 year)

Nexign

Software Engineer

Oracle database administration.

Feb 2016 - Jun 2017 (1 year 5 months)

Freelancer at Upwork

Software Engineer

Worked on different small- and medium-sized projects using Go, C, C++, Javascript, Assembly language

(x86-32, x86-64, ARM, ARM64, MIPS, SPARC), and a few reverse-engineering projects:

1) Rewriting of graphics processing algorithms from C++ to ARM64 assembly language using

NEON vector registers in an iOS game.

2) Implementation of various data structures and algorithms on them in MIPS and SPARC assembly.

3) Reverse-engineering of a Windows x64 software and fixing its report format.

4) Simple Go, Google Cloud Engine, JQuery web service.

Jul 2015 - Sep 2015 (3 months)

Lawo

Intern

Device testing and programming tasks

Skills

Golang • Blockchain • Back-End Web Development • Information Security • C++ • C • Linux •

PostgreSQL • Assembly

Language • JavaScript

About

I enjoy following the best programming practices and building modern, robust, and well-optimized

software with a scalable architecture. I pay much attention to code quality and like working on complex

and interesting projects which require advanced knowledge of computer science and where I can learn

something new.

My primary programming language is Go (Golang), my professional experience with it began in early

2016. I have experience with Blockchain, Linux, PostgreSQL, Redis, MongoDB, Tarantool, ClickHouse,

Kubernetes, C, C++, Assembly language, Javascript, Malware Analysis and Reverse Engineering.