



Antonio Yang

An interdisciplinary person who not only loves new technologies but also has a self-learning personality.

Antonio Yang
yanganto@gmail.com
yanganto@Github
yanganto@LinkedIn
+886 (987) 026-316

Working Experience

2024 Nov - 2025 May Contractor (Rust & Move) in SuiFoundation

- Community advocate
- Build web3 software solution for campaign

2022 Oct - 2024 Mar Developer (Rust & Nix) in Kuutamo Lab

- Develop and maintenance blockchain node distribution tools
- near-staking-knd, kld

2021 Dec - 2022 Oct Developer (Rust) in TDsoftware GmbH

- Build docker image for substrate base blockchain
- Build NFT Market with substrate pallet base solution
- Build smoke test for blockchain and web service

2021 May - 2021 Dec Senior engineer (Rust) in Second State

- Develop and review WasmEdge Rust SDK
- Develop Ethereum WebAssembly Library
- Hold hackathon
- Develop Frontier base blockchain

2020 Jan - 2020 Oct Software engineer (Rust) in Itering

- Relay mechanism design
- Substrate based blockchain development
- Community advocate

2015 - 2020 Software engineer (Py & Js) in Trendmicro, Bigtera

- Web service fullstake experience
- Linux based system development

Main Software Skills

Rust Utilities Development

- Rust: ignore message in 1.61
- Crates: [WasmEdge](#), [toml-example](#), [test-with](#), [struct-patch](#), [s3handler](#)
- Scripting Language: [RustPython](#)
- Tools: [SuperLinter](#), [S3rs](#), [Common voice](#), [Gitui](#), [Himalaya](#), [serie](#)

Rust-based Blockchain Development

- Frontier: [Modify block reward](#)
- Substrate: [Substrate](#), [NiftyMarket](#), [Cross chain](#), [Off chain worker](#)
- Near: [Maintenance feature](#)
- Ewasm: [SewUp](#)
- Lightning: [Refactor struct](#)

Rust-based Contract Development

- Near: [atomic swap contract](#)
- Solana: [atomic swap contract](#)
- Cosmos: [atomic swap contract](#)

Nix Development

- Distribution Tools: [kneard](#), [kld](#)

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Other Software Skills

Python Development (2015 - 2020)

- Open source contribution: [PyText2Speech](#), [flask-accept](#)
- Web Frameworks: Django, Flask
- Automation Bots: [Slack](#), [Line](#), [Twitter](#)

System Development (2018 - Now)

- OS: NixOS, ArchLinux, Ubuntu
- Skills: [kexec](#), [systemd](#)
- CI/CD/Monitor Tools: Github Actions, Jenkins, Argo, Grafana
- Machine Communication: CAN, SPI

Web Frontend Experience (2015 - 2020)

- Language: JS, TS, CSS, HTML
- Skills: [Vue.js](#), [React.js](#)
- Web: [PhishInsight](#), [RpcLab](#)
- Extensions: [klink](#)

Machine Learning/Modeling Experience (2017 - 2018)

- Projects: Network behavior detection, Peptide Sidechain interactions

Education

2020 Aug Cryptography I in Coursera

Dan Boneh, Stanford University

2019 Aug Udemy Rust online certificate

Rust course, Rust programming recipes

2019 Mar CISSP training completion

CBK training seminar in Taiwan

2017 Jul Machine learning in Coursera

Andrew Ng, Stanford University with 98.00% grade

2016 ARM-based development in IT Training

Linux system development, driver, bootloader (cortex-A)

2005 - 2013 Chemistry BS & MS at National Taiwan University

Under prof. Richard P. Cheng (RPC), 6 publications

References

- NixOS contribution
- ArchLinux contribution
- Cryptography I certificate
- Machine learning certificate
- Rust course certificate
- Rust recipes certificate
- Trendmicro data competition slides
- Community talks
- Rust Taiwan meetup
- Blockchain Nanjing meetup
- Blockchain Beijing meetup