

L1 Research and Development

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Motivation & Goals



Motivation

- Experiences in Core Dev (in EWHA-CHAIN; Core Study and Substrate Study with Polkadot)
- Want to be a core developer for next job

Goals

- Research and Develop L1 and making some outputs
- More Understanding about L1 — transactions, communications, consensus...

Project Overview



- L1 Research : Ethereum, Solana, NEAR, Aptos, Sui (+ L0 : Cosmos, Polkadot and its ecosystem networks)
- Language Studying : Go, Rust
- L1 Development — Basic : Build a simple blockchain with Go (by lecture)
- L1 Development — Advanced : Try building simple blockchain with existing SDKs (by tutorials and docs)
- The outputs would be presented as Medium articles and GitHub Projects

Tech Stack & Tools



- Language : Go, Rust
- SDK : Cosmos SDK (Cosmos), Substrate (Polkadot), Polygon Edge and Polygon Supernets (Polygon)
- Knowledges: Computer Science (includes network), Deep understanding and experiences about blockchain

Schedule



8/15 ~ 8/18	PDD Plan Preparing & Presentation
8/19 ~ 8/27	L1 Research Go & Rust Study
8/28 ~ 9/4	Building Simple Blockchain with Go (Lecture)
9/5 ~ 9/14	Building Simple Blockchain with Cosmos SDK
9/15 ~ 9/22	Building Simple Blockchain with Substrate
9/23 ~ 10/1	Building Simple Blockchain with Polygon Edge & Supernets
10/2 ~ 10/5	Project Wrap-Up and Preparing for the Demo Day
10/6	PDD (Demo Day)