

## EXPERIENCE

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- **Wombat Exchange** Software Engineer  
*Remote, Hongkong SAR* 7/2023 – Now
  - **EVM Data Indexing:** Maintained and deployed subgraphs for 3+ EVM chains, which handled more than 300,000 events. The subgraphs served Wombat Analytics page, which has nearly 250,000 monthly requests. Optimized Wombat Analytics page's loading time from 10+ seconds to 1 second.Technologies used: AssemblyScript, TypeScript, NextJS, Vercel.
- **Xantus** Software Engineer  
*Le Van Luong, Thanh Xuan, Hanoi* 10/2021 – 12/2022
  - **EVM Data Indexing:** Designed, implemented, deployed, and optimized Events Synchronization services for EVM-compatible Smart Contracts. The services provide on-chain data for projects: Mones, Gunfire Avax, and Oxalus NFT Aggregator.Technologies used: Apache Kafka, TypeScript, web3js, Golang, go-ethereum.
- **Teko Vietnam** Software Engineer, Data Platform Engineer  
*Hoang Cau, Dong Da, Hanoi* 4/2021 – 1/2022
  - **Master Product Data:** Designed, implemented, and deployed data pipelines, data models, and REST API of Product Matching service for data annotation supporting and market analytics.Technologies used: Python, Golang, FastAPI, underthesea.
- **Real-time Analytics Storage Layer:** Tested, deployed, and operated Apache Druid as the storage layer for real-time analytics.
- Technologies used: Google Cloud, Kubernetes, Docker, Apache Druid, Apache Kafka, GitLab CI.
- **AI Academy Vietnam** Software Engineer, System Engineer  
*Hoang Quoc Viet, Nghia Tan, Hanoi* 6/2019 – 8/2020
  - **Scheduled News Aggregation:** Designed, implemented, and deployed Data Aggregating (crawling) service which schedules and dispatches crawling workers for market analytics and decision making support.Technologies used: Python, RabbitMQ, APScheduler, pika.
- **Time Series Prediction:** Designed, implemented, and deployed Prediction service which aggregates, transforms, and applies time series data into prediction models for market analytics and decision making support.
- Technologies used: Python, sklearn, statsmodels.

## EDUCATION & CERTIFICATION

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- **Le Quy Don Technical University** Engineer, Software Engineering  
*Hoang Quoc Viet, Nghia Tan, Hanoi* 6/2016 – 6/2021
  - **GPA:** 3.13
  - **Specialized Individuals Informatics Olympiad 2017:** Second Prize
  - **Super Cup Informatics Olympiad 2018:** Third Prize
- **IELTS issued by British Council** Academic Module  
*Tay Ho, Hanoi* 2/2023
  - **Overall:** 7.5
  - **TRF Number:** 22VN027313NGUH002A

## SIDE PROJECTS

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- **Crypta:** An offline-first code snippet manager powered by Svelte. Deployed at: <https://thanhnguyen2187.github.io/crypta>.
- **Darkest Savior:** A low-level Golang library and CLI tool to convert Darkest Dungeon's proprietary save format to JSON and vice versa. Source at: <https://github.com/thanhnguyen2187/darkest-savior>.
- **CamLisp:** A simple Lisp/Scheme interpreter in OCaml. Source at: <https://github.com/thanhnguyen2187/camlisp>.

## SKILLS & INTERESTS

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- **Skills:** Python; JavaScript; Golang; Vim; tmux.
- **Interests:** fantasy novels; challenging videogames; singing and playing the guitar.