

NGUYEN CHI HAI

EXPERIENCE

Software Engineering Intern | AlphaLab Capital | Aug 21 – Present

- Integrate new cryptocurrency exchanges to the current high frequency trading architecture.

Payment Backend Engineer Intern | Shopee | May 21 – Jul 21

- Implemented core logic and handling of wallet transactions to support user and merchant payments.
- Contributed to in database sharding project to support high transactions volumes on campaigns.

Undergraduate Teaching Assistant | NUS | Aug 19 – May 21

- Led tutorials and labs to reinforce and consolidate new concepts. Modules: Design and Analysis of Algorithms (Jan 21), Data Structures & Algorithms (Aug 20), Programming Methodology (Aug 19, Aug 20)

Software Engineer Intern | Ninja Van | May 20 – Aug 20

- Supported the transition from synchronous calls to event-driven communication between backend microservices.
- Implemented automatic notifications to shippers and consignees using Kafka topics built on Java and Golang microservices.

EDUCATION

Computer Science | National University of Singapore | Present

CAP: 4.8/5.0; Graduating in May 2022

Specializing in Artificial Intelligence and Algorithms.

ASEAN Undergraduate Scholarship | Aug 18 - Present

ASEAN Scholarship | Nov 13 – Dec 17

FEATURED PROJECTS

Four Five Foe | <https://helloimhai.github.io/four-five-foe/>

Multiplayer online game using web socket connection.

Ask Hai Anything | <https://helloimhai.github.io/tells-v2/>

React + Firebase full stack website to ask me anything!

Peggle Clone | <https://www.youtube.com/watch?v=au8JBMnx56U>

IOS arcade game with in-house physics and game engines.

SweeChat | <https://uvents.nus.edu.sg/event/18th-steps/module/CS3217/project/3>

End-to-end encrypted IOS messaging app that caters to educational institutions.

SKILLS

Languages: Go, Python, Java, JS, Swift, SQL, HTML, CSS, C

Frameworks and Libraries: React, Express, Redux, Saga, jQuery, Ajax, Nginx, Prometheus, Grafana, NPM, Nodejs, Scala, Sbt, Kafka

OBJECTIVE

TO LEARN
AND WORK
ON
MEANINGFUL
PROJECTS
THAT DELIVER
REAL VALUE
TO END
USERS



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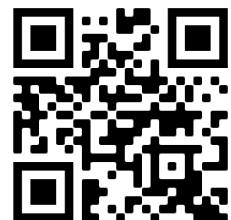


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github.com/helloImHai

PORTFOLIO AND PROJECTS



helloimhai.github.io