

NAM ANH PHAM HOANG (HARRIS)

Ho Chi Minh City, Vietnam

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EDUCATION

VNUHCM - University of Science

2018 – 2022

Bachelor's degree (Computer Science major)

Ho Chi Minh City, Vietnam

COURSEWORK / SKILLS

- Data Structures & Algorithms
- Database Management System (DBMS)
- Operating Systems
- Distributed System
- Mobile Application Development
- Web API Application Development
- Computer Sciences
- Cryptography
- OOPs Concept
- Blockchain
- Consensus

WORKING EXPERIENCE

Independent Crypto Researcher

01 2024 – Present

Ho Chi Minh City, Vietnam

- Conducted in-depth research on blockchain protocols, decentralized finance (DeFi), and Layer 1/Layer 2 architectures
- Researched blockchain ecosystems with a focus on on-chain data analysis, protocol design, and smart contract vulnerabilities
- Engaged with open-source communities

Beowulf Blockchain 

06 2022 – 12 2023

Blockchain Developer

Ho Chi Minh City, Vietnam

- Responsible for the development, deployment, and maintenance of smart contracts on a variety of networks and protocols
- Develop a suite of web3 services using a variety of technologies, including Rust, Node.js, Solidity, and IPFS
- Backend Developer with Rust, Node.js

Freelancer 

08 2019 – 06 2021

Mobile Application Developer



Vietnam

- Study a variety of .NET Framework technical stack, including ASP.NET MVC, WPF, Entity Framework, and Xamarin.Forms
- Communicate effectively with customers and team leaders to understand their needs and build applications that serves those needs
- Support customers to use and maintain the product
- Built Web API using ASP.NET MVC and Entity Framework
- Built mobile cross-platform application using Xamarin.Forms
- Built automation tool with Selenium and WPF to improve the user interaction with the application

TECHNICAL SKILLS

- **Languages:** Rust, JavaScript/TypeScript, Golang, C#, C/C++, Python, Solidity, Bash, Lua...
- **DBMS:** MongoDB, PostgreSQL, MySQL, SQLite,...
- **Technologies/Frameworks:** Axum, Rocket.rs (Rust), Express.js, Fastify, Astro.js (Node.js), Xamarin.Forms with MVVM pattern, ASP.NET MVC with Entity Framework, WPF, Selenium,...
- **CI/CD:** Github Actions, Ansible, Linux, Docker,...

CERTIFICATIONS

- LinkedIn Skill Assessment: C#, .NET, C/C++, T-SQL, ... 
- Hackerrank Certification 

SOFT SKILLS

- Passionate about learning new skills for life and technology.
- Increase productivity by automating repetitive tasks.
- Good at adaptability and problem solving with new environment.
- Communication skill.

EXTRACURRICULAR

Google IO Extended Vietnam 2019

07 2019

Ho Chi Minh City, Vietnam

- Certificate of Completion present for successfully completing the TensorFlow, Keras and deep learning, without a PhD. [!\[\]\(4e333a6106fc298d0ae6dff272a736ef_img.jpg\)](#)
- Certificate of Completion present for successfully completing the Building Beautiful UIs with Flutter. [!\[\]\(97089f8e07e24e31baa67366e358a709_img.jpg\)](#)

HCMUS's Extracurricular Activities

2018

Ho Chi Minh City, Vietnam

PROJECTS

alchemy-api-rs | FOSS

2023

- A high-level binding for Alchemy Enhanced APIs, written in Rust.
- Tech stack: Rust, REST API.
- Source code: <https://github.com/phnaharris/alchemy-api-rs>.

symbiosis-api-rs | FOSS

2023

- API binding for Symbiosis API written in Rust.
- Tech stack: Rust, REST API.
- Source code: <https://github.com/phnaharris/symbiosis-api-rs>.

Chat3 | Blockchain Developer

2023

- Chat3 is the socialfi platform designed to empower a vibrant web3 community, enabling creators, innovators, and enthusiasts to connect, engage, and earn.
- Tech stack: Rust, REST API, Node.js, Blockchain, Solidity smart contract.

IHI | Mobile Developer

2021

- The app provides online teaching service for student with variety of subjects. With this app, student can purchase courses from our partners, study online and review their knowledge with our exercise. By using IHI, student can study from everywhere they want and with their speed at specific lesson, easily check their understanding just with a device which have Internet connection.
- Tech stack: Xamarin.Forms with MVVM pattern, HttpRequest, payment process with Momo, ASP.NET MVC Web API with Entity Framework.

Seanato | Mobile Developer

2019

- The app provides ferry booking, cable car tickets, tickets to amusement parks of Vinpearl and Sun World. Seanato is the first and only application that provides a ticketing service in the field of maritime tourism, linking most of the major ferry carriers in the Kien Giang province to provide customers with optimal choice and the most effective.
Seanato also cooperates with Vietnam's major travel groups such as Vingroup, Sun World.
- Tech stack: Xamarin.Forms with MVVM pattern, HttpRequest, payment process with Momo & Alepay...

Automation tools, bots | Developer

2019 - 2021

- In my freelance work, I've crafted a variety of tools and bots using C# and Selenium to automate repetitive tasks, minimizing human effort and error.
- Tech stack: WPF (C#), Selenium, REST API, multithreading architecture ...