

# NAM ANH PHAM HOANG (HARRIS)

Ho Chi Minh City, Vietnam

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## EDUCATION

**VNUHCM - University of Science**

**08 2018 – 08 2023**

*Bachelor's degree (Computer Science major)*

*Ho Chi Minh City, Vietnam*

## COURSEWORK / SKILLS

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

## WORKING EXPERIENCE

**Beowulf Blockchain** 🔗

*Blockchain Developer*

*Ho Chi Minh City, Vietnam*

- Research, build, deploy smart contracts to different networks.
- Smart contract interaction with different technologies (Node.js, Solidity).
- Backend developer (Rust/Node.js).

**Full-time freelancer** 🔗

*Mobile Application Developer*

*Vietnam*

- Built Web API using ASP.NET MVC patterns.
- Built mobile cross-platform application using Xamarin.Forms.
- Built automation tool to do some works that the customer needs.
- Support customer to use and maintainance the product.

**Part-time freelancer** 🔗

*Mobile Application Developer*

*Ho Chi Minh City, Vietnam*

- Built mobile cross-platform application using Xamarin.Forms.
- Communicated with the customer and team leader to deeply understand the needs of users and build an application that serves those needs.
- Studied a variety of ASP.NET technical stack as ASP.NET MVC, Selenium, WPF...

## TECHNICAL SKILLS

**Languages:** JavaScript (Node.js), C#, C/C++, XAML, T-SQL, Python, Shell, HTML, Arduino, Java, Rust, Golang, Solidity...

**Developer Tools:** VS Code/Neovim, Visual Studio, SQL Server Management Studio, Remix, Android Studio, Jupyter Notebook, Postman, ngrok.io...

**Technologies/Frameworks:** Express.js, Rocket (Rust), Xamarin.Forms with MVVM pattern, ASP.NET MVC with Entity Framework, WPF, Selenium, Linux, Git, Flutter, Distributed System, Consensus...

## 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.
- Certificate of Completion present for successfully completing the Building Beautiful UIs with Flutter.

**HCMUS's BLIT Program**

**2018**

*Ho Chi Minh City, Vietnam*

- Candidate of 4th round of BLIT Competition at VNUHCM - University of Science.

## CERTIFICATIONS

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- C# (Basic) - HackerRank [↗](#)
- C (Intermediate) - HackerRank [↗](#)
- SQL (Basic) - HackerRank [↗](#)
- LinkedIn Skill Assessment: C#, .NET, C/C++, T-SQL,... [↗](#)

## PROJECTS

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### 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.

### Automatic streaming tool | Developer

2021

- The automatic tool that allow user to create, edit, remove video stream on Youtube. User can create Chrome profile associated with Google account, choose video you want to stream on Youtube, setup start time and end time of that live stream. When the tool streaming, user can see quality of that video stream (by bitrate, FPS, speed) and buy amount of viewers by third party service. User can stream on more than one Google account at a time.
- Tech stack: WPF, Selenium with Chrome profile interaction, multithreading architecture, Youtube streaming with FFMPEG, WinAPI (Process).

### Gamvip account checking tool | Developer

2021

- The automatic tool that allow user to load a list of gamvip (a list of webgame) account, log in and request account information like name, user id, financial information.... User can use multithreading architecture to improve tool performance.
- Tech stack: WPF, HttpRequest, multithreading architecture.

### Yahoo account checking tool | Developer

2020

- The automatic tool that allow user to load a list of outlook email (hotmail and password), check if that email have yahoo account linked, save the yahoo account and use that account to get account uid and reset a corresponding facebook account password. User can use multithreading architecture to improve tool performance.
- Tech stack: WPF, Selenium, multithreading architecture, regular expression, mail service library, bypass captcha service library, HttpRequest.

### Order filtering tool | Developer

2020

- The automatic tool that getting all of orders confirmation email (email & password provided), checking and filtering details such as color, size, customer information (phone, address, email, ...), ... add that details into excel files.
- Tech stack: WPF, Selenium, multithreading architecture, regular expression, mail service library.

### Spotify password changing tool | Developer

2020

- The automatic tool that allow user to load a list of Spotify account with its changing password link. The tool follow the link automatically, enter password and new password, bypass captcha and submit. User can use multithreading architecture to improve tool performance.
- Tech stack: WPF, HttpRequest, multithreading architecture, Selenium.

## **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...

## **Pong game** | Teamlead, Developer

**2019**

- Pong game is my end-of-term project of Programming Engineering term at university that use basic skill with C++ programming language.
- Tech stack: C++ programming language.
- Github.