

# Tran Van Tinh

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## WORK EXPERIENCE

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### Coinhako - Software Engineer Intern (Frontend)

Oct 2023 - Feb 2024

- Setup unit tests and Implemented a new componen for custom angular component library
- Developed end-to-end tests with Cypress to validate user interactions and application behavior.
- implemented a new component within the company's custom library
- Collaborated with the backend team in API design and independently developed the frontend for the News page feature adhering to responsive design
- Skill at work: Angular, Typescript, NGXS Store, Ngrx

### KMS Technology - Software Engineer Intern (Backend)

May 2022 - October 2022

- Ensure microservice's performance and compatibility by updating Python and its corresponding dependencies to the latest versions
- Write unittest to increase the code coverage to 80%
- Skill at work: Django, MSSQL, Docker, Linux, Git, RabbitMQ

## PROJECTS

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### Github Page:

Developed personal website using Angular framework and deploy using github pages

[Demo](#)

Handwritten Digits Recognition based on MNIST dataset:

[Demo](#)

Offline process: Training deep CNN network using Python

Online process: Using Tensorflow JavaScript to make predictions

### Parental Control Software

[Link](#)

Software for parent to supervised their children allow Screenshot and Keylistener then send to the parent

Multiprocess and multithread coding

Concurrency control to avoid two thread/process go to the critical section

## EDUCATION

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2019 - 2023 Computer Science at **VNU-HCM-University of Sciences** (GPA: 3.56/4, [Transcript](#))

2016 - 2019 Mathematics at **Nguyen Binh Khiem High School for the gifted**

## HONORS AND AWARDS

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### Teaching Assistant at AMERICAN CENTER HCMC- July 2023

[Certificate](#)

Robotics & IoT HCMUS collaborated with the Consulate General of the United States in Ho Chi Minh City, Vietnam, to build a STEM bootcamp.

Assisted classes of more than 20 students, encompassing high school to first-year students, in successfully solving the FIRST LEGO League tasks challenge.

### Consolation prize at Vietnam Mathematical Olympiad(VMO) - 2018

[Certificate](#)

The VMO is an annual mathematics competition in Vietnam that allows high school students to showcase their mathematical skills and compete at the national level

### Gold Medal of Mathematics in the Competition for Excellent Students of Gifted High schools in the Northern Delta and Coastal Areas - April 2017

[Medal](#)

The competition, also known as the Olympic 30/4 provides a platform for students from gifted high schools in the Northern Delta and Coastal Areas to showcase their talents and knowledge.