

# Trịnh Hoàng Tú

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## SUMMARY

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Third-year Cybersecurity student specializing in secure application development (ASP.NET C#, Java). Eager to apply practical project experience in a professional penetration testing and code review environment. Solid foundation in network security and practical security frameworks.

## EDUCATION

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### Bachelor of Cybersecurity

Nov 2023 – Jul 2027 (Expected)

*Ho Chi Minh City University of Foreign Languages and Information Technology*

*Ho Chi Minh City*

– GPA: 3.31/4.0

– Relevant Courses: Network Security, C#, Java, Web Development, ASP.NET.

## EXPERIENCE

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### Freelance Developer

Mar 2025 – Present

*Ho Chi Minh City*

- Developed a full-stack flight booking web app using **ASP.NET MVC**, implementing secure authentication and features based on the OWASP Top 10.
- Designed and delivered Android apps, including a biometric-authenticated e-reader and a vocabulary learning app.
- Utilized Git/GitHub for version control and Docker for containerized development environments.

## PROJECTS

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### Yodobashi Sniper V2 (Browser Extension, Manifest V3)

- Automated product purchase workflow using **JavaScript (ES6+)**, HTML5, CSS3, and Chrome APIs.
- Implemented async/await, cross-origin messaging for secure data transfer, and robust DOM manipulation.
- Used Node.js/npm for dependency management and Playwright for end-to-end automated testing.

### Face / Object Recognition (Java + Python Microservice)

- Engineered a multi-threaded Java server using TCP sockets secured with **SSL/TLS encryption**.
- Developed a Python microservice exposing a REST API (Flask/FastAPI), leveraging OpenCV and face\_recognition.
- Java server communicates securely with the Python service over HTTPS for inference, returning results to clients.

## TECHNICAL SKILLS

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<b>Security</b>	Kali Linux, Penetration Testing, Network Security, Wireshark, Nmap
<b>Languages</b>	C#, Java, Python
<b>Web</b>	ASP.NET MVC, HTML, CSS, JavaScript (ES6+)
<b>Mobile</b>	Android (Java)
<b>Databases</b>	SQL Server, Firebase
<b>Tools</b>	Git, Docker, Visual Studio, VS Code, Android Studio, IntelliJ IDEA

## CERTIFICATES

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- Foundations of Cybersecurity - Google x Coursera (Link).
- Google AI Essentials - Google x Coursera (Link).