

# You Jin Kim — Resume

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**Location:** Seoul, Korea

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## Professional Summary

Cybersecurity researcher with expertise in blockchain anomaly detection, transaction flow analysis, and forensic intelligence.

Experienced in designing real-time detection pipelines, visual analytics dashboards, and threat scoring systems using Python and Streamlit.

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## Education

**Korea University** — M.S. in Information Security (2021– )

Focus: Blockchain threat intelligence, anomaly detection, crypto-forensics

**Seokyeong University** — B.S. in Computer Science (2017–2021)

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## Research & Publications

(2025, Forthcoming)

**Analyzing Transaction Patterns of Bitcoin Crime Wallet Networks:  
A Time-Series and Topological Modeling Approach**

*Journal of KIISC – 1st Author*

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## Key Projects

**BTC Anomaly Lens (2025)**

Real-time Bitcoin anomaly detection platform built using Streamlit.

Developed two versions:

- **Research version:** Deployed at Korea University InfoSec Lab as a free educational tool (using BlockCypher API)
- **Portfolio version:** Designed for cybersecurity career use, with real-time scoring, blacklist detection, and professional UI/UX

### Algorithm Tutor Web

Secure WebRTC-based tutoring system with session tracking, XSS/CSRF mitigation.

### Critical Info Detector

CLI tool to identify hardcoded credentials and secrets in source code using static analysis.

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## Technical Skills

**Languages:** Python (advanced), Java, Go

**Security:** Blockchain forensics, static code analysis, risk scoring

**Tools:** Git, Linux, Streamlit, REST API, SQL, Regex

**Workflow:** CLI scripting, version control, rapid prototyping

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## Languages

Korean — Native

English — Fluent (professional working proficiency)

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## Portfolio & Links

- App Demo: [btc-anomaly-korea-signal.streamlit.app](https://btc-anomaly-korea-signal.streamlit.app)
- GitHub Repo: [github.com/u0jin/btc-anomaly-lens](https://github.com/u0jin/btc-anomaly-lens)