

# Luke Shin

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## SKILL

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- **Programing Language:** Python, PHP, Javascript, C, HTML5, CSS
- **Tool/Library/Framework:** Flask, React, Vue.js, Node.js, jQuery, Ajax, Git, Fiddler, BurpSuite, Postman, Wireshark
- **Database:** MariaDB(MySQL), PostgreSQL, Oracle

## PROFESSIONAL EXPERIENCE

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### Information security consultant (Secucen/ Korea)

May 2019 - Feb 2022

*Secucen is information security solution company that provides mobile security, database security and biometrics digital signature solutions*

- Worked as a Security Consultant and performed ISP, Web security diagnosis(server, network device, secure coding), penetration testing and so on
- Participated in the ISP project for the additional establishment of a computer center and the relocation of a disaster recovery center of the Korea Securities Depository
- Participated in another ISP project for planning the authentication using biometric information for the Ministry of Foreign Affairs to enable non-face-to-face service

### Researcher for Emergency Alert System (KETI / Korea)

Sep 2018 - Dec 2018

*KETI is a non-profit research institute under the Ministry of Trade, Industry and Energy in Korea. participated in the research of alarm terminal device*

- In the event of a disaster, a study was conducted to spread the central government's disaster warning to public facilities and large-scale commercial facilities. Participated in a study to send disaster messages to alarm terminal devices using the Common Alert Protocol (CAP) in case of a disaster
- Participated in a study for how to spread the alert in the study is that When the central government (main alarm control center) sends an alarm to each alarm terminal in various channels (PS-LTE, Satellite, Wired cable and so on), and the alarm terminal interprets the CAP to sound the alarm and message

### Product Manager (Wellconn / Korea)

Feb 2018 - Aug 2018

*Wellconn is a startup founded by four people, including myself and three other colleagues from the previous company and developed a solution that queues users and connects them in order through session control in a web application*

- In terms of solution development, Developed how to providing statistical information to client(total number of connected sessions, CPU RAM and son), preparing and proposing research proposals for research on national budget, and certifying various companies (venture company certification, direct production certification, patent issuance, and intellectual property registration (program registration))

### Researcher (Easycerti / Korea)

Sep 2015 - Dec 2017

*Easycerti is an information security company with WAF, privacy solutions. also conducted a study of de-identification*

- The purpose of de-identification is to market or trade data using data, and de-identification data can be combined with data from other companies under government supervision, and the combined data becomes strong information
- Participated in de-identification for how to handle the abstract concept of de-identification with computing. Specifically, K-anonymity, L-diversity, and T-Closeness were studied

## PROJECT

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### Coffee Shop: Coffee online shop <https://lukeshin3022.github.io/CoffeeOnlineShop/>

Nov 2022

*Skill: Vue.js, javascript, GitHub, Html, CSS*

- Coffee Store is available to order coffee online
- Customers can choose the coffee they want and ship the ingredients accordingly.

## EDUCATION

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### Webdeveloper / Diploma

Jun 2022 - Present

### Computer Science and Engineering / Master's Dgree

Mar 2013 - Aug 2015

- SoongSil University, Seoul, Korea
- **Thesis Submitted:** Enhancement of Priority Matrix for efficient Equal Cost Multi Tree in Shortest Path Bridging(802.1aq)

### Computer Science and Engineering / Bachelor's Dgree

Mar 2007 - Feb 2013

- Hoseo University, Asan, Korea
- Discharged upon completing military service as a sergeant, Republic of Korea Army (Jan 2008 ~ Dec 2009)