NAYOUN (ELLIE) HAM

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WORK EXPERIENCE

EarlySloth Inc.   Seoul, South Korea
Software Developer   January, 2021 – Present

- ☐ Front-End team of chatbot-based survey platform
- ☐ Notable Projects:
    - Processing the bundle data of survey and upload to the server to make a AI report.
    - Developed the sandbox report: freestyle report to support the data visualization like chart and statistics.
    - Developed the Web-survey products: support the various type of survey
    - Improve the company project's structure to support the flexible maintenance
    - Developed small services to help company's routine: created a chat-bot for colleague's convenience.

ATNS USA   Norcross, Georgia (USA)
Software Developer Intern   July, 2019 – June,2020

- ☐ Created front-end views and functionalities, monitored database and operation handlings, participated in company-wide solution developments

- ☐ **Notable Projects:**
    - Developed a DB monitoring system to check the DB and alert the issue via the email.
      Github : https://github.com/hamny88/Java-Scheduling/blob/master/test/src.main.java/test/schedule.java
    - Research the Travis CL and Jenkins , Build an environment that can automate compile and deploy.
    - Developed the EDI system to extract the primary information from the DB and create the document.
      Github : https://github.com/hamny88/DocumentSQL
    - FSM Project : Developed the Front- End function of the Kia Motos Project Management System with UI5.
    - Developed the Company's own E-accounting system. Troubleshooting the logic and create the Views
    - Developed the Comapny's Website with HTML/CSS, javascript and refactoring with React.
      Website : https://www.atnsusa.com

Information Security Education Institute   Seoul, South Korea
Tutor   March, 2018 – November, 2018

- ☐ Taught various levels of Cyber Security techniques to middle/high school students
- ☐ **Notable Skills**: Linux/Unix , Network(Firewall, Packet analysis)

EDUCATION

Seoul Women's University   Seoul, South Korea
Bachelor of Information Security – GPA: 4.2 / 4.5   2016 – 2020

- ☐ **Major Courses:** Data Communication and Network, Data Structure, Database, Network Security and Programming Practice, Operating Systems, Applied Modern Cryp tology and Practice, Windows Security and Basics of Malicious Code, System Security and Management, C/C++/Java Programming

ABILITIES & SKILLS

- ☐ Languages/Systems learned:
  - o HTML/CSS, Java, JavaScript, jQuery, C++, Oracle/MySQL, Ui5, Nodejs, React, TypeScript, Git
- ☐ Bilingual: Korean (native), English
  - o Achieved a score of 92 on the Test of English as a Foreign Language (TOEFL)
- ☐ Certificates achieved:
  - o Engineer Information Processing (Human Resources Development Service of Korea)
  - o Interent Ethics Qualification (Korean Productivity Center)

PROJECT EXPERIENCE

Global Camp in PERTH   January, 2019

- ☐ Funded by Korea-Australia foundation
- ☐ Held a presentation regarding System Security at the University of Western Australia
- ☐ Major skills used: Linux, Malware Code (buffer overflow, back-door)
- ☐ Presentation material : https://github.com/hamny88/System-security-presentation

Cloud Service using OpenCV and TensorFlow   March, 2018 – December, 2018

- ☐ **Patent No. 10-2018-0129047**
- ☐ Major skills used: Python, Linux, OpenCV, TensorFlow
- ☐ Article : https://www.yna.co.kr/view/PYH20181102095400013

Undergraduate Researcher in Android Security Lab   April, 2018 – October, 2018

☐ Participated in the IoT Communication and ABE (Attribute Based Encryption) project

Inter-floor Noise Sensor with Arduino and Android   June, 2017 – March, 2018

☐ **Patent No. 10-2039820**
☐ Major skills used: Sketch, Arduino, Android Studio

LEADERSHIP/VOLUNTEER EXPERIENCE

☐ Web Hacking Club   January, 2019 – July, 2019
☐ IT Industry Track in Beijing   July, 2018
☐ IT Industry Track in Malaysia   February, 2018
☐ World Culture Experience and Volunteer in Indonesia   July, 2017
☐ Gimpo City Scholarship 3 times ($2500)   2017,2018,2019
☐ Academic Excellence Scholarship 2 times   2018,2019