

NAYOUN (ELLIE) HAM

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WORK EXPERIENCE

ATNS USA

Software Developer Intern

Norcross, Georgia (USA)

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

Tutor

Seoul, South Korea

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

Bachelor of Information Security – GPA: 4.2 / 4.5

Seoul, South Korea

2016 – 2020

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

ABILITIES & SKILLS

- Languages/Systems learned:
 - HTML/CSS, Java, JavaScript, jQuery, C, C++, Oracle/MySQL, Ui5, Nodejs, React
 - Git, Jenkins, AWS, Linux/Unix, Tomcat, Apache, Firewall
- Bilingual: Korean (native), English
 - Achieved a score of 825 on the Test of English for International Communication (TOEIC)
- Certificates achieved:
 - Engineer Information Processing (Human Resources Development Service of Korea)
 - 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