# Jinseo Lee

## Personal Data

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|---|---|
| Place and Date of Birth: | Korea \| 08 February 2002 |
| Address: | 27, Eoeun-ro 42beon-gil, Yuseong-gu, Daejeon, Republic of Korea |
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## Research Interests

- Information security, network security, software security

- Artificial intelligence, deep learning, natural language processing

## Education

**KAIST**      Feb 2019−Current
Double major in School of Computing and Business and Technology Management

## Research Projects

| | |
|---|---|
| Jan 2023−Current | **Censorship of DNS-over-HTTPS** <br> Measure the current state of DNS-over-HTTPS in the Internet. <br> Cooperated with Yongwoo Oh(graduate student) <br> Advisor: Minsuk Kang |
| Oct 2022−Dec 2022 | **DUDE (DUplication DEtector)** <br> Developing the GitHub Action for detecting duplication among GitHub issues and informing the writer. (Link) <br> Advisor: Kihong Heo |
| Mar 2022−June 2022 | **Improved DialogueRNN: Dealing with Emotional Shift** <br> We investigated emotion detection using artificial intelligence which showed a poor performance when the given dialogue had rapid changes in emotion. We defined this problem as 'emotional shift problem' and addressed it, leading to improved performance. <br> Cooperated with Darae Lee, Jonghee Jeon and Joohee Kim(undergraduates) |

## Skills

| | | |
|---|---|---|
| **Programming Languages** | Beginner: | Rust, Java, Python |
| | Intermediate: | OCaml, C |
| | Advanced: | C++ |

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|---|---|---|
| **Languages** | Korean: | Native |
| | English: | Minimum professional proficiency |
| | Norwegian: | Elementary proficiency |

## Personal Activities

**Club Executive**                                    Sep 2019−Dec 2020
KAIST Catholic Student Union Sanarae

**Standing Committee**                                Apr 2021−Dec 2021
Daejeon Catholic Council of University Students

**Club Representative**                               Sep 2022−Current
KAIST Catholic Student Union Sanarae

# Undergraduate Program

## Grades

| Course Title | Grade | Credits |
|---|---|---|
| **ZERO-YEAR TRANSFER** | | |
| Advanced English Listening | S | 1 |
| Advanced English Writing | S | 1 |
| Advanced English Reading | S | 1 |
| Total | | 2 |
| | | |
| **SPRING SEMESTER 2019** | | |
| Intermediate English Speaking & Listening | 4.0 | 2 |
| Freshman Seminar 1<Dept. of Nuclear and Quantum Engineering> | S | 1 |
| General Physics I | 3.3 | 3 |
| General Chemistry I | 4.3 | 3 |
| General Chemistry Experiment I | 3.7 | 1 |
| Calculus 1 | 3.0 | 3 |
| Introduction to Programming | 3.7 | 3 |
| Total | | 16 |
| | | |
| **SUMMER SEMESTER 2019** | | |
| General Biology | 4.3 | 3 |
| Total | | 3 |
| | | |
| **FALL SEMESTER 2019** | | |
| General Physics II | 3.0 | 3 |
| General Physics Lab. I | 4.0 | 1 |
| Calculus II | 3.0 | 3 |
| Introduction to Linear Algebra | 3.3 | 3 |
| Discrete Mathematics | 3.3 | 3 |
| Data Structure | 3.3 | 3 |
| Principles of Accounting | 4.3 | 3 |
| Total | | 19 |
| | | |
| **SPRING SEMESTER 2020** | | |
| Special Topics in Social Sciences <International Relations of the Korean Peninsula in the 21st Century> | 3.7 | 3 |
| System Programming | 4.0 | 3 |
| Programming Language | 3.3 | 3 |
| Technology Management | 4.3 | 3 |
| Financial Management | 4.0 | 3 |
| Marketing | 4.3 | 3 |
| Total | | 18 |
| | | |
| **SUMMER SEMESTER 2020** | | |
| English Presentation & Discussion | 4.0 | 1 |
| Introduction to Psychology | 4.0 | 3 |
| Total | | 4 |
| | | |
| **FALL SEMESTER 2020** | | |
| Vision, Brain and Art | 4.0 | 3 |
| Introduction to Algorithms | 3.3 | 3 |
| Computer Organization | 3.7 | 3 |
| Introduction to Business Management | 4.3 | 3 |
| Introduction to MIS | 4.0 | 3 |
| Econometrics | 3.7 | 3 |
| Business Strategy | 4.0 | 3 |
| Total | | 21 |

**SPRING SEMESTER 2022**

| | | |
|---|---|---|
| Logical Writing | 3.7 | 3 |
| Understanding German-Speaking Cultures | 4.0 | 3 |
| Introduction to Computer Networks | 3.7 | 4 |
| Introduction to Artificial Intelligence | 4.0 | 3 |
| Organizational Behavior | 4.3 | 3 |
| Technology Marketing | 4.3 | 3 |
| Service Engineering | 4.0 | 3 |
| | Total | 22 |

**FALL SEMESTER 2022**

| | | |
|---|---|---|
| Introduction to Database | 3.7 | 3 |
| Machine Learning | 3.3 | 3 |
| Concurrent Programming | 3.3 | 3 |
| Special Topics in Computer Science<Program Reasoning> | 3.3 | 3 |
| Statistical Analysis for Business | 4.3 | 3 |
| Managerial Accounting | 4.3 | 3 |
| Special Topics I in Business and Technology Management<International Finance> | 4.3 | 3 |
| | Total | 21 |
| | Total Credits | 127 |
| | **GPA** | **3.79/4.3** |