Hojin Choi

Undergraduate student at Sogang University

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RESEARCH INTEREST

Software security, software testing, fuzzing, static analysis, software engineering

EDUCATION

Sogang University	Seoul, Republic of Korea
Bachelor of Science in Computer Science and Engineering (CGPA: 4.11 / 4.3, 2nd place)	*Mar. 2020 - Present*
(On leaving for 2 years: Assistant drill instructor at mandatory military service)	

RESEARCH EXPERIENCE

Undergraduate Intern at Information Security Lab	Sogang University
Advisor:Prof. Jaeseung Choi	*Jan. 2024 - Present*

- Research topic: Fuzz testing on real world smart contracts (Developing from the previous research, **Smartian**)

HONORS AND AWARDS

Scolarship from Woon Hae Foundation	*2024*
Dean's list *Top 1% GPA honor, Sogang University*	*2023*
SW Excellence Scolarship for Freshmen *Sogang University*	*2020*

TEACHING EXPERIENCE

Introduction to AI Programming	*Fall. 2023 - Spring. 2024*

- *Covered basic Python programming and related frameworks*

PERSONAL PROJECTS

Programming Language [link]	*Spring. 2024*

Personal project using F# within the course

- Implement the simple imperative/functional programming language
- Implement the type checker

System Programming [link]	*Spring. 2024*

Personal project using C within the course

- Implement the simple shell
- Implement the concurrent server
- Implement the utilized malloc and free

SKILLS

Programming: C/C++, Python, F#, Assembly Language(x86-64)

Language: Korean(Native), English(Proficient)