

PESARAN ZADEH FATEMEH

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EDUCATION

Seoul National University

Seoul

Master program; Major in Computer Science and Engineering

September 2022

Bachelor of Science; Major in Computer Science and Engineering

March 2018 – August 2022

- **Relevant Coursework** Advanced programming language, Artificial Intelligence, Data structure, introduction to data mining, introduction to deep learning, computer convergence application, Introduction to computer vision, computer architecture, discretemath, engineering math1, engineering math2

Hadis State Exemplary High School

Bushehr, Iran

High School Diploma

May 2015

- **Cumulative GPA** 98/100;

SCHOLARSHIPS AND AWARDS

Global Korean Scholarship

Seoul, Korea

February 2017 - August 2022

Fully funded undergraduate scholarship provided by the Korean government to promising international students

PROFESSIONAL EXPERIENCE

Computational Theory and Algorithm Lab / Seoul National University

Seoul, Korea

Research Analyst

Jun – Dec 2020

- Studied landmark indexing for evaluation of label-constrained reachability
- Analyzed efficient processing of label-constrained queries in large graphs

Teaching Assistant at Seoul National University

Seoul, Korea

Programming language in C

Mar – Jul 2019

- Organized and managed exams, homework, assignments for 40+ students
- Led make-up classes for students in need

Internship at Inodeb Company

Seoul, Korea

Working on Intelligent CCTV Systems project

Mar – Jul 2022

- Predicting the abnormal situations on surveillance videos

Internship at SNU Vision & Learning Lab

Seoul, Korea

Internship under the supervision of Prof. GunHee Kim

July 2021 – August 2022

- Doing navigation AI project related to brand detection in South Korea
- Studied 2-d vision and Reinforcement Learning

EXTRACURRICULAR ACTIVITIES

Executive Member of SISA

Seoul, Korea

It-head

Mar 2021 – August 2022

- In charge of 3 websites belong to Seoul National University International Student Association.

Dance club | Seoul National University

Seoul, Korea

Member

Mar – Dec 2018

- Attended weekly meetings for Seoul National University's largest dance club

Personal Tutor for Children in Need

Seoul, Korea

Mentor

Mar 2018 – Present

- Taught Math, Science and English to orphaned or single parent children in Seoul
- 1st place in educational development exam, 2nd place in Arabic Olympiad competition, 2nd place in National Physics Laboratory, 3rd place in Bushehr volleyball championship

Bushehr, Iran

2014-2015

SKILLS & INTERESTS

- **Language:** Bilingual proficiency in Persian and Arabic, Fluent English, Advanced Korean
- **Technical Skills:** C, Java, C++, Python, HTML, Verilog. Assembly languages such as x86 and RISC_V, web design
- **Interests:** fishing, cooking, movies, learning new languages, Teaching