

Lara Svensson Calzada

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Education

Yonsei University	<i>Sept 2022 – Present</i>
◦ BS in Computer Science and Engineering.	
Academica International Studies High School	<i>Sept 2018 – June 2021</i>
◦ Dual Diploma Program High School in Miami, FL.	
◦ GPA: 4.0	
Colegio San Juan Bautista de la Salle	<i>Sept 2020 – June 2022</i>
◦ High School Diploma in Valladolid, Spain.	
◦ GPA: 9.53/10	

Research Interests

My main research interest is **robotic task automation and programming**. This means focusing more on the programming of humanoid and assistive robots to autonomously carry out sophisticated tasks based on contextual needs. Emphasis on strengthening robot **decision-making** and task execution after object recognition.

Teaching Experience

Teaching Assistant	<i>Seoul, South Korea</i>
<i>Yonsei University</i>	<i>Spring 2024</i>
◦ Teaching Assistant for English for Physical Sciences and Engineering.	

Invited Talks

Guest lecture	<i>Seoul, South Korea</i>
<i>Yonsei University</i>	<i>March 31, 2023</i>
◦ Guest lecture hosted by Prof. Lee Bo-Mi.	

Honors and Awards

GLC Distinction Award in Yonsei University	<i>Fall 2022</i>
◦ Logical Thinking and Writing (Korean).	
◦ Awarded to 1 student per class.	
GLC Distinction Award in Yonsei University	<i>Fall 2022</i>
◦ Modern World and Christianity.	
◦ Awarded to 1 student per class.	
GLC Distinction Award in Yonsei University	<i>Fall 2022</i>
◦ Understanding Academic Text (Korean).	
◦ Awarded to 1 student per class.	
GBED Merit-based Scholarship	<i>Fall 2022</i>
◦ Awarded in Yonsei University to students who have a GPA of 4.3	
Honor Roll	<i>2020 – 2021</i>
◦ In Recognition for outstanding academic performance.	
Honor Roll	<i>2019 – 2020</i>
◦ In Recognition for outstanding academic performance.	
Honor Roll	<i>2018 – 2019</i>
◦ In Recognition for outstanding academic performance.	

Skills

Languages

- Spanish: Native.
- English: C2 level.
- Korean: TOPIK level 4.

Programming Languages

- Web design: HTML, CSS, JavaScript, PHP.
- Java, Python, Visual Basic

Courses

- Computer Architecture, Logic Circuit Design, Operating Systems, Object Oriented Programming, Data Structures.

Technical Skills

- Advanced Microsoft Excel (PivotTables, VLOOKUP, Macros, Macros programming via Visual Basic)

Extracurricular activities

Programming

- HTML, CSS and JavaScript certification: 180 hours.
- PHP certification: 90 hours.
- Java certification: 90 hours.

STEM Talent Girl

- Selected through rigorous talent identification process. Scored in the 98th percentile in both general intelligence and reasoning. Tested in the 96th percentile in the out of level testing (Testing two levels above current level).
- Program aimed at fostering early interest and excellence in STEM fields among young women.