

# Seung Hyun Harry Cheon

🏠 [harrycheon.github.io](https://harrycheon.github.io)

MS Computer Science @ UCSD  
9500 Gilman Drive, La Jolla, CA 92093

## EDUCATION

<b>University of California, San Diego</b> <i>M.S. in Computer Science, Advisor: Berk Ustun</i>	<i>La Jolla, CA</i> <i>September 2024 – Present</i>
<b>University of California, San Diego</b> <i>B.S. in Applied Mathematics, GPA 3.99/4.00, Summa Cum Laude</i>	<i>La Jolla, CA</i> <i>September 2018 – March 2024</i>
• Leave of absence from June 2019 — August 2021 (2 years) due to mandatory military service as a South Korean citizen	

## RESEARCH EXPERIENCE

<b>Human Centered ML Lab</b> <i>Research Assistant</i>	<i>University of California, San Diego</i> <i>November 2023 – Present</i>
• Topics: Algorithmic recourse, failure modes of explainability methods	
<b>Intel–HDSI Research Collaboration</b> <i>Project Leader</i>	<i>University of California, San Diego</i> <i>January 2023 – October 2023</i>
• Computer CPU power consumption pattern analysis based off of Intel's telemetry data. Findings inspired several internal investigations. Published internal whitepaper and presented results to senior management. Fully funded by Intel	
<b>DigiHealth Lab</b> <i>Undergraduate Research Assistant</i>	<i>University of California, San Diego</i> <i>November 2021 – December 2022</i>
• Built data pipeline and machine learning model to predict cognitive impairment severity from smartphone-based pupillometer deployment data. Funded in part by UCSD Division of Physical Sciences Undergraduate Summer Research Award.	

## WORK EXPERIENCE

<b>Quantitative &amp; Data Analytics Intern</b> <i>StepStone Group</i>	<i>La Jolla, CA</i> <i>June 2023 – August 2023</i>
• Conducted statistical analysis on large fund performance datasets to identify trends, patterns, and insights	
• Analyzed and modeled secondary fund performances as a part of the Secondaries Project aimed to aid secondary buyout fund investment decisions	
• Assisted in data cleansing, data mining, and data preprocessing tasks to ensure data accuracy and quality	

## TEACHING EXPERIENCE

<b>Instructional Assistant</b> <i>Halicioglu Data Science Institute, University of California, San Diego</i>	<i>La Jolla, CA</i> <i>September 2021 – March 2024</i>
• DSC 10. Principles of Data Science	
• DSC 40A. Theoretical Foundations of Data Science I	
• DSC 40B. Theoretical Foundations of Data Science II	
• DSC 140A. Probabilistic Modeling and Machine Learning	

## PRESENTATIONS

Sep 2022 **PupilAlz: Deploying smartphone-based pupillometers to explore Alzheimer's disease detection** (La Jolla, CA)  
Division of Physical Sciences Undergraduate Summer Research Award Presentation

## AWARDS & HONORS

2022 Division of Physical Sciences Undergraduate Summer Research Award  
2018–2023 Warren College Provost Honors

## LEADERSHIP & SERVICE

<b>Society of Undergraduate Mathematics Students</b> <i>President, Vice President Internal, Secretary</i>	<i>University of California, San Diego</i> <i>September 2021 – March 2024</i>
• Fostered an inclusive math community at UCSD by hosting workshops and social events	
• Led successful rebound after the COVID–19 pandemic, doubling event attendance and membership	
• Organized mentorship program for undergraduate students, connecting them with other undergraduate or graduate mentors	

## **Korean Augmentation to the U.S. Army**

*Camp Humphreys, South Korea*

*Platoon Sergeant, CBRN Specialist*

*October 2019 – May 2021*

- Led a platoon consisting of 15 soldiers, taking care of their physical and mental health, ensuring their mission readiness during the COVID-19 pandemic
- Received 1 Army Commendation Medal, 6 commander coins, 1 Certificate of Appreciation