

Seung Hyun (Harry) Cheon

CURRICULUM VITAE — FEBRUARY 2025

harrycheon.github.io

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EDUCATION	University of California, San Diego 2024 – PRESENT MS in Computer Science Advisor: Berk Ustun
	University of California, San Diego 2018 – 2024 BS in Applied Mathematics GPA: 3.99/4.0, <i>Summa Cum Laude</i> Courses: Honors Linear Algebra (A), Honors Multivariate Calculus (A), Honors Vector Calculus (A), Graduate Stochastic Processes (A), Real Analysis (A+), Discrete Math & Graph Theory (A+), Statistics (A+), Machine Learning (A+), Representation Learning (A+)
RESEARCH INTERESTS	Areas: Machine Learning, Optimization Topics: Interpretability, AI Alignment & Safety
AWARDS & HONORS	Division of Physical Sciences Undergraduate Summer Research Award 2022 U.S. Army Commendation Medal 2021
PUBLICATIONS	CONFERENCE PROCEEDINGS
Google Scholar	1. Feature Responsiveness Scores: Model-Agnostic Explanations for Agency Seung Hyun (Harry) Cheon , Anneke Wernerfelt, Sorelle Friedler, Berk Ustun ICLR – <i>International Conference on Learning Representations</i> , 2025
IN PROGRESS	Responsiveness Verification with Bogdan Kulynych, Meredith Stewart, Lily Weng, Berk Ustun
RESEARCH EXPERIENCE	Intel–HDSI Research Collaboration 2023 <i>Project Leader</i> , Advisor: Benjamin Smarr, Zhiting Hu Computer CPU power consumption pattern analysis from telemetry data. Findings inspired several internal investigations. Published internal whitepaper and presented results to senior management. Fully funded by Intel.
	DigiHealth Lab 2022 <i>Research Assistant</i> Built data pipeline and machine learning model to predict cognitive impairment severity from smartphone-based pupilometer deployment data. Funded in part by UCSD Division of Physical Sciences Undergraduate Summer Research Award.
TEACHING EXPERIENCE	University of California, San Diego 2021 – 2024 <i>Instructional Assistant</i> <ul style="list-style-type: none">• 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
ACADEMIC SERVICE	CONFERENCE PROCEEDINGS REVIEWER
	NeurIPS – Neural Information Processing Systems 2024 ICLR – International Conference on Learning Representations 2025 AISTATS – Artificial Intelligence and Statistics 2025

SELECTED
PROFESSIONAL
EXPERIENCE

Stepstone Group. La Jolla, CA
Quantitative & Data Analytics Intern

JUN 2023 – AUG 2023

- 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 cleaning, data mining, and data preprocessing tasks to ensure data accuracy and quality

Korean Augmentation to the U.S. Army. Camp Humphreys, South Korea
Platoon Sergeant & CBRN Specialist

OCT 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

PERSONAL

Citizenship: South Korea

Languages: Fluent in English and Korean; Proficient in Mandarin Chinese

Software: Proficient in Python and Java. Familiar with SQL, R.

Interests: Basketball, Baseball, Golf, E-Sports, Technology, Cooking