

# Harry Cheon

CURRICULUM VITAE — FEBRUARY 2026

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EDUCATION	<p>University of California San Diego <span style="float: right;">2024 – PRESENT</span> M.S. in Computer Science <span style="float: right;">GPA: 3.96/4.00</span> Thesis: Safety though the Lens of Recourse: Explanations, Validation, Testing through Responsiveness Advisor: Berk Ustun</p> <p>University of California San Diego <span style="float: right;">2018 – 2024</span> B.S. in Mathematics (Applied) <span style="float: right;">GPA: 3.99/4.00</span> <i>Coursework:</i> Real Analysis (A+), Discrete Math &amp; Graph Theory (A+), Statistics (A+), Machine Learning (A+), Representation Learning (A+), Graduate Stochastic Processes (A)</p>
RESEARCH INTERESTS	<p><b>Topics:</b> Machine Learning Safety, Alignment, Algorithmic Fairness, Benchmarking, Auditing</p>
AWARD & HONORS	<p>NeurIPS Top Reviewer <span style="float: right;">2025</span> Summa Cum Laude, UC San Diego <span style="float: right;">2024</span> UCSD Division of Physical Sciences Undergraduate Summer Research Award <span style="float: right;">2022</span> U.S. Army Commendation Medal <span style="float: right;">2021</span></p>
RESEARCH PAPERS	<ol style="list-style-type: none"><li>1. <a href="#">Feature Responsiveness Scores: Model-Agnostic Explanations for Recourse</a> <b>Harry Cheon</b>, Anneke Wernerfelt, Sorelle Friedler, Berk Ustun <i>ICLR – International Conference on Learning Representations, 2025</i></li><li>2. <a href="#">Statistical Inference for Responsiveness Verification</a> <b>Harry Cheon</b>, Meredith Stewart, Bogdan Kulynych, Lily Weng, Berk Ustun <i>In Preparation, 2025</i></li><li>3. <a href="#">Measuring What Matters: Synthetic Benchmarks for Concept Bottleneck Models</a> <b>Harry Cheon</b>, Julian Skirzynski, Shreyas Kadekodi, Meredith Stewart, Berk Ustun <i>In Preparation, 2025</i></li></ol>
TEACHING EXPERIENCE	<p><b>Halicoglu Data Science Institute – UC San Diego</b></p> <p><a href="#">DSC 140A: Probabilistic Modeling and Machine Learning</a> <span style="float: right;">WINTER 2024</span> <i>Instructional Assistant</i></p> <ul style="list-style-type: none"><li>• Core upper division machine learning class covering probabilistic modeling for representation and decision-making.</li><li>• First undergraduate instructional assistant for DSC 140A.</li><li>• Supported instruction by holding in-person office hours, grading, and answering questions on forums (e.g., Piazza, Campuswire) for a course of over 150 students.</li></ul> <p><a href="#">DSC 10: Principles of Data Science</a> <span style="float: right;">FALL 2021, SPRING 2022</span> <i>Instructional Assistant</i></p> <ul style="list-style-type: none"><li>• Introductory course covering data exploration, statistical inference, and predictive modeling with Python.</li><li>• Supported instruction by designing the midterm project, holding in-person office hours, grading, and answering questions on forums (e.g., Piazza, Campuswire) for a course of over 300 students.</li></ul>
PRESENTATIONS	<p>Feature Responsiveness Scores: Model-Agnostic Explanations for Recourse <i>Workshop on Regulatable ML, NeurIPS 2024</i> <span style="float: right;">2024</span></p> <p>Feature Responsiveness Scores: Model-Agnostic Explanations for Agency <i>Workshop on Attributing Model Behavior at Scale, NeurIPS 2024</i> <span style="float: right;">2024</span></p>

	Statistical Inference for Responsiveness Verification <i>Workshop on Constrained Optimization for Machine Learning, NeurIPS 2025</i>	2025
	Reliable Models via Responsiveness Verification <i>Workshop on Reliable ML from Unreliable Data, NeurIPS 2025</i>	2025
	Statistical Inference for Model Responsiveness Audits <i>Workshop on Algorithmic Collective Action, NeurIPS 2025</i>	2025
SOFTWARE	<a href="#">reachml</a> – an open-source Python library for recourse and responsiveness testing	
	<a href="#">GitHub</a>	
ACADEMIC SERVICE	<b>Conference Reviewing</b> NeurIPS — Neural Information Processing Systems ICLR — International Conference on Learning Representations AISTATS — Artificial Intelligence and Statistics ICML — International Conference on Machine Learning	2024, 2025 2025, 2026 2025 2025
RESEARCH & PROFESSIONAL EXPERIENCE	<b>Intel–HDSI Research Collaboration</b> <i>Project Leader</i> , Advisors: Benjamin Smarr & Zhiting Hu Fully funded research project on CPU power consumption pattern analysis from telemetry data. Published an internal whitepaper and presented findings to senior management, prompting new investigations into regional power-consumption disparities.	2023
	<b>DigiHealth Lab</b> <i>Research Assistant</i> , Advisors: Edward Wang & Colin Barry Developed machine learning model to predict cognitive impairment severity from smartphone pupilometry data.	2022
	<b>Stepstone Group</b> <i>Data Analytics Intern</i> Built predictive models for secondary fund performances aimed to guide investment decisions / fund composition.	JUN 2023 – AUG 2023
	<b>Korean Augmentation to the U.S. Army.</b> <i>Platoon Sergeant &amp; CBRN Specialist</i> Led a platoon of 15 soldiers, taking care of their physical and mental health, ensuring their mission readiness during the COVID–19 pandemic.	OCT 2019 – MAY 2021
PERSONAL	<b>Languages:</b> Fluent in English and Korean; Proficient in Mandarin Chinese <b>Software:</b> Python, Java, SQL, R <b>Interests:</b> Basketball, Baseball, Golf, Rowing, Photography, Technology, Cooking, Guitar, Open-source Software & Self-hosting	
REFERENCES	Available Upon Request	