

Will Corcoran

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EDUCATION

University of California, Santa Barbara (UCSB)	Santa Barbara, CA
<i>Master of Science in Computer Science, GPA: 4.0</i>	<i>Sep. 2024 - June 2026</i>
<i>Bachelor of Science in Computer Science, GPA: 4.0</i>	<i>Sep. 2022 - June 2025</i>

WORK EXPERIENCE

Software Development Engineer I (Incoming)	Sept. 2026
<i>Amazon Web Services (AWS), Elastic Container Service</i>	<i>Seattle, WA</i>
Software Development Engineer Intern	June 2025 – Sep. 2025
<i>Amazon Web Services (AWS), Elastic Container Service</i>	<i>Seattle, WA</i>
Software Engineering Intern	June 2024 – Sep. 2024
<i>Music Audience Exchange (MAX)</i>	<i>Dallas, TX</i>
Software Engineering Intern	June 2023 – Sep. 2023
<i>Haggard Labs</i>	<i>Fort Worth, TX</i>

RESEARCH EXPERIENCE

Graduate Research Assistant	Sep. 2025 – June 2026
<i>UCSB, Computer Science</i>	<i>Santa Barbara, CA</i>
On the Linear Representation of Graph Properties in LLMs	<i>Paper: NeurIPS (in submission)</i>
Undergraduate Research Assistant	Sep. 2023 – June 2025
<i>UCSB, Computer Science</i>	<i>Santa Barbara, CA</i>
Improving Bounds for Randomly Sampling Graph Colorings	
AMeLIA: Adversarial Multi-Phase Latent Injection Attack for GNNs	<i>Talk: ERSF</i>
GraphEval36K: Benchmarking Reasoning of LLMs on Graph Datasets	<i>Paper: NA ACL</i>

TEACHING EXPERIENCE

Graduate Teaching Assistant	Sept. 2025 – June 2026
<i>UCSB, Computer Science</i>	<i>Santa Barbara, CA</i>
Data Structures and Algorithms II	<i>Spring 2026</i>
Introduction to Discrete Mathematics for Computer Science	<i>Winter 2026</i>
Data Structures and Algorithms I	<i>Fall 2025</i>
Undergraduate Learning Assistant	Apr. 2024 – June 2025
<i>UCSB, Computer Science</i>	<i>Santa Barbara, CA</i>
Data Structures and Algorithms II	<i>Spring 2025</i>
Data Structures and Algorithms II	<i>Winter 2025</i>
Data Structures and Algorithms I	<i>Fall 2024</i>
Data Structures and Algorithms I	<i>Spring 2024</i>

PROJECTS

Steering Vectors for Code Quality in LLMs <i>PyTorch, Transformers</i>	Apr. 2026 – June 2026
Prediction Market Arbitrage System <i>Python, asyncio, WebSockets</i>	Dec. 2025 – Jan. 2026
Distributed Data Centers <i>Python, RAFT, Two-Phase Commit (2PC)</i>	Jan. 2026 – Mar. 2026
SpotifyGNN <i>Python, PyTorch Geometric, Scikit-learn, Numpy, Pandas, iGraph</i>	Aug. 2024
CXXGraph (open-source) <i>C++, Google Test, CMake</i>	July 2024 – Sep. 2024
FFRankNet <i>Python, TensorFlow, Keras, Pandas, NumPy</i>	June 2024 – July 2024
FillerAI <i>TypeScript, Next.js, GitHub Actions</i>	Sep. 2023 – Dec. 2023
Verde <i>TypeScript, Firebase, React Native, Expo</i>	Dec. 2022 – Mar. 2023
Startup Company Success Predictor <i>Python, NumPy, Scikit-learn</i>	Sep. 2022 – Dec. 2022

LEADERSHIP EXPERIENCE

Leadership Committee, CRU, Real Life	Sep. 2023 – June 2026
Independent Label Music Executive, 9929 Records	Aug. 2021 – Jan. 2024

VOLUNTEERING EXPERIENCE

Regents Scholar Mentor	Sep. 2023 – June 2025
Middle School Math Volunteer	Sep. 2022 – Dec. 2023

HONORS

<i>Caitlin Scarberry Memorial Award, Outstanding BS/MS Student of the Year, Computer Science</i>	June 2026
<i>Outstanding Teaching Assistant, Computer Science</i>	June 2026
<i>College of Engineering Outstanding Senior, Computer Science</i>	June 2025
<i>Distinction in the Major, Computer Science</i>	June 2025
<i>Excellence in Undergraduate Research, Computer Science, Honorable Mention</i>	June 2025
<i>Early Research Scholar</i>	Sep. 2023 – June 2024
<i>Dean’s Honors</i>	Dec. 2022 – June 2025
<i>Regents Scholar</i>	Sep. 2022 – June 2025
<i>College of Engineering Honors</i>	Sep. 2022 – June 2025

TALKS

<i>On The Linear Representation of Graph Properties in LLMs, UCSB Computer Science</i>	May 2026
<i>Matthew 7:13-29, UCSB Real Life</i>	March 2026
<i>Implied Intentionality, UCSB Real Life</i>	April 2025
<i>Undergraduate Research Panel, UCSB ACM</i>	January 2025
<i>ERSP Conference Lightning Talk</i>	September 2024

PUBLICATIONS

<i>Citations (as of July 2026)</i>	26
<i>h-index (as of Apr. 2026)</i>	1

[1] Qiming Wu, Zichen Chen, Will Corcoran, Misha Sra, and Ambuj K. Singh. Grapheval36k: Benchmarking coding and reasoning capabilities of large language models on graph datasets, 2025.