

Carlo Amio Dino

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EDUCATION

Stanford University

Bachelor of Science in Computer Science

Stanford, CA

June 2025

Relevant Coursework: Database Systems and Management, Computer Systems, Operating Systems Principles, Algorithmic Design and Analysis, Senior Software Project Experience, Natural Language Processing

EXPERIENCE

Coinbase

Backend Software Engineer Intern

Mountain View, CA

June '24 — Sept. '24

- Working in the Transfers team, designed a modular seeding service interface in Go and implemented this interface for all Coinbase transfers; now in production, enables internal teams to seed transfer records into Elasticsearch efficiently at an average ~0.3ms latency per record.
- Powered internal search tools with consistent and unified transaction records with search latency of <20ms.
- Developed a detailed Datadog metrics dashboard for real-time monitoring and alerts of service status and logs in development and production environments.
- Presented the seeding service interface and transaction-focused implementation to internal teams. Project success unblocks adjacent teams that aim to build off of my work to power their own data search tools.

Stanford University

Full Stack Intern at The Center for Spatial and Textual Analysis

Stanford, CA

June '22 — Sept. '23

- Developed EpicConnect, a web application facilitating collaboration among Stanford's EPIC fellows for pedagogical material sharing, featured in [CESTA's Anthologies](#) (2022, 2023) and [MIT's 2023 URTC](#).
- Designed multiple MongoDB database schemas and developed an Express.js backend to enable seamless data interaction between the React client and a cloud-hosted MongoDB Atlas database via RESTful API routes.
- Integrated AWS and Amazon S3 for image hosting, enabling live user image uploads on custom profile and project pages, crafted with React and Bootstrap; conducted user testing with Stanford GSE.

PROJECTS

Poole – Helping People Find Community

Software Project Experience, CS194W

Apr. '24 — Jun. '24

Stanford, CA

- Rapid prototyped a cross-platform mobile application using React Native and the Google Cloud suite to promote campus group activity making.
- Developed a robust backend API using NodeJS, implemented fast but safe user data access CRUD methods
- Demonstrated proficiency in building scalable API endpoints, robust data management practices, and properly scoping project requirements in a fast-paced development timeline.

Fraud Detection Content Moderation Bot

Trust and Safety Engineering, CS152

Apr. '24 — Jun. '24

Stanford, CA

- Developed a Discord content moderation bot that detects, blocks, and reports financial scams and fraud within real-time Discord messages to server moderators.
- Demonstrated proficiency in LLM app integration, prompt engineering and training, and professional Python development; results demonstrated >80% in accuracy and precision and 93% in recall performance metrics.

Who Needs to Touch Grass the Most? – An Analysis on StackOverflow Users

Database Systems and Management, CS145

Oct. '23 — Dec. '23

Stanford, CA

- Utilized the StackOverflow dataset on Google BigQuery to write complex SQL queries for data analysis, aiming to analyze our proposed question: [“What is a successful StackOverflow user?”](#)
- Implemented a baseline K-Nearest Neighbors clustering model and a custom ML Model using our highest-correlating features to predict successful users, both yielding 87.5% prediction accuracy.

carlodino.com

- Personal website built on Gatsby. Utilized React and Tailwind to design aesthetic and responsive components and elements throughout the page. Deployed on Vercel and hosted on [carlodino.com](#).

Mar. '20 — Present

SKILLS AND INTERESTS

Languages: Go (Golang), Python, Javascript (Node.js), C/C++, Java, HTML/CSS

Technology / Frameworks: MongoDB, MySQL, Unix, Bash, Amazon S3, AWS, Snowflake, Elasticsearch, BigQuery, Git/hub, Postman, Service-Oriented Architecture, React.js, Express.js, Gatsby, Tailwind, Bootstrap

Interests: Responsive Web Design, Super Smash Bros Competitions, Tournament Organization, Coffee Making