Christopher Nivera

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Work Experience

Snowflake   *Menlo Park, CA*
Senior Software Engineer   *May 2023 - Present*
- Tech lead for Snowflake Copilot, the company's first GenAI UI for natural language SQL generation and data exploration.
- Built Cortex Analyst, an LLM API that answers business questions using SQL queries over enterprise data.
- Developed Cortex Agents, enabling customers to orchestrate agentic workflows on top of their structured/unstructured data.
- Driving Snowflake Intelligence, an agentic AI platform that allows enterprises to query data in natural language and deploy autonomous agents to act on insights.

Neeva   *Mountain View, CA*
Software Engineer   *Jul. 2021 - May 2023*
- Led development of Neeva's first-time user experience, including account creation, subscriptions, and multi-language home-page, supporting global expansion.
- Built UIs for NeevaAI, integrating AI summaries into search results, and
- Created an end-to-end DALL-E + Stable Diffusion pipeline for search result thumbnail generation.
- Ran A/B experiments across design and engineering, directly contributing to a 10x user growth in 2022.

Medinas Health   *Berkeley, CA*
Software Engineering Intern   *Jun. 2020 - Aug. 2020*
- Built a platform that detects and extracts product information from a set of photos using the Google Vision API, shortening task duration by 40% and allowing Medinas researchers to more accurately classify incoming medical equipment
- Owned the project from initial brainstorming and system design to final implementation, utilizing React and Java

Education

Brown University   *Providence, RI*
B.A. in Computer Science, Magna Cum Laude   *Sep. 2017 - May 2021*
- GPA: 3.87 / 4.0
- Relevant Coursework: Software Engineering, UI/UX, Machine Learning, Deep Learning, Computer Systems, Data Structures and Algorithms, Statistical Inference

Projects

Stopwatch
Personal Project   *Jun. 2019 - Aug. 2019*
- Built a voice-controlled Discord bot that uses speech-to-text and intent classification to help League of Legends players track spell usage and improve in-game decision-making.
- Integrated Google Dialogflow for voice recognition and intent detection, and combined it with real-time game data from the Riot Games API for contextual responsiveness.

Skills and Interests

Skills: Languages: Go (proficient), Python (intermediate), JavaScript/TypeScript/React (proficient), SQL (intermediate)
AI/LLM: LLM APIs (OpenAI/Anthropic/Snowflake), RAG, Orchestration frameworks, Prompt engineering

Interests: Creating music, playing video games, experimenting with new cooking recipes!