NATHAN TRAXLER

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PROFESSIONAL EXPERIENCE

Apple   **Sunnyvale, CA**
Technical Lead   **April 2024 - Present**
Software Engineer   **May 2023 - April 2024**
- Lead an agile team responsible for Polaris: Deal Tracker, the entrypoint and hub for all Apple TV+ content through production greenlighting.
- Oversee and mentor 5 developers, guiding their work and performing code reviews.
- Drive incorporation of AI into our development workflow and application features.
- Design and implement an admin tool and microservices for dynamic form layouts and notification configurations, eliminating developer involvement in routine updates and improving turnaround time.

ML Engineer   **August 2022 - May 2023**
- Developed a Knowledge Graph linking Apple products to services, enabling multi-intent search results on apple.com
- Fine-tuned a large language model (LLM) using Hugging Face for named entity recognition (NER) specific to Apple products and services
- Explored LLMs for efficient extraction of KG triples to populate the Knowledge Graph

Software Engineer Intern   **June - September 2019 | June - September 2020**
- Leveraged the newest MapKit and Indoor Mapping Data Format (IMDF) technology to display indoor maps of our data centers to the onsite users of our application.
- Integrated Apple TV+ content into Apple.com search

EDUCATION

STANFORD UNIVERSITY   **2020-2021**
Master of Science in Computer Science | Human Computer Interaction   **GPA: 3.81**

STANFORD UNIVERSITY   **2016-2020**
Bachelor of Science in Computer Science | Artificial Intelligence   **GPA: 3.52**

TECHNICAL SKILLS

- Programming languages: Javascript, Typescript, Python, Java
- Frameworks/Tools: REST, GraphQL, MongoDB, PostgreSQL, React, Git, Unix
- Artificial Intelligence: LLMs, MCP, Hugging Face, NER
- Familiar with Spanish (5 years) and Japanese (4 years)