Kristian Fischer

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EXPERIENCE

Autoplay AI — Paris, France
Full Stack/AI Engineer (Pre-Seed • $2.1m raised) — *Apr. 2025 – Present*

- Shipped an AI-driven session replay-analytics dashboard to production in *Next.js / FastAPI / PostgresSQL*, enabling five design-partner companies to spot user-hesitation hot-spots and halve feedback cycles.
- Co-designed an end-to-end AI pipeline that clusters 50 K+ sessions via K-means, converting raw rrWeb into actionable insights in minutes.
- Created a multimodal RAG engine combining tutorials and documentation to enrich LLMs with expert context—boosting AI analysis accuracy by 40%.

WJD Fund — Jacksonville, FL
Software Engineer Intern — *June 2024 – Present*

- Deployed a multi-threaded trading system in Python integrated with TradeStation's Web API, managing $1.2M in assets and executing positions up to $5M.
- Developed Futures strategies to be concurrently executed on this system - improved monthly returns by 7% and generated $250 K+ gross profit.

Black Knight, Inc. — Jacksonville, FL
Frontend Engineer Intern — *May 2023 – Aug. 2023*

- Contributed to *Servicing Digital* (10 M monthly users) by implementing UI improvements in Angular as part of the Agile Release Train.

EDUCATION

University of Florida — Gainesville, FL
Bachelor of Science in Computer Science, Master of Science in Finance — *Aug. 2022 – May. 2026*

- **Honors and Involvement**: ColorStack, Association for Computing Machinery, University Research Scholars Program, University Honors Program
- **Relevant Coursework**: Algorithm Abstraction, Data Structures + Algorithms, Linear Algebra, Operating Systems, Differential Equations

PROJECTS & LEADERSHIP

- **FischGPT** (Python, PyTorch): Engineered a full GPT-2 architecture from the ground up, including a from-scratch BPE tokenizer, attention mechanisms, backprop, and softmax. Pretrained a 124M-parameter model on 10B-token FineWeb and finetuned on OpenAssistant, achieving a 15% improvement over GPT-2 on the challenging Hellaswag benchmark.
- **MarketMania** (Flutter / FastAPI): Aggregated Google & Facebook Ads stats via a cron-driven backend and served real-time campaign dashboards.
- **Contacted** (React Native): Mobile CRM that nudges users to stay in touch and drafts AI-powered messages with PaLM 2, persisting data through Firebase.
- **The Female Forum**: Built a vector-embedding recommender that matches 500 + European executives by shared goals and interests.

PROGRAMMING SKILLS

- **Languages**: Python, TypeScript, C++, JavaScript, Dart, Java, SQL
- **AI Techniques and Tools**: Transformers, RAG, MCP, PyTorch, Pinecone, SciKit, Numpy, Pandas
- **Frameworks & Tools**: React, Next.js, Flutter, FastAPI, NestJS, GCP, ShadCN, Tanstack, Tailwind