LOGAN JORGENSEN

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WORK EXPERIENCE

Capital One   Chicago, IL
Associate Software Engineer   August 2024 - Present
- Led development of Android SDK in Kotlin enabling partners to embed credit card applications natively within their mobile apps, coordinating contractor contributions
- Implemented OTP authentication for co-branded partner flows, replacing link-based verification to keep customers in-app and improve conversion
- Built end-to-end test automation platform in Go for credit card processing, reducing manual QA by **83%** and saving **400+ engineering hours/month**
- Prevented customer impact by building frontend observability in Angular with New Relic, catching live credit card applications flowing through non-production-ready channel
- Selected as one of <5 engineers out of 100+ for early Claude Code access; built CLI tool and Claude Code skill to assist engineers with tracking applications across services

EveryNetNet   Ames, IA
Founder   October 2023 - August 2024
- Built and launched a React + serverless stock screening platform aggregating "net-net" stock data from multiple markets, growing to **900+ users** with **90%+ gross margins** on GCP
- Developed ETL pipeline to aggregate and reconcile financial statement data from multiple sources (SEC EDGAR API, custom API layer for Japanese FSA, web scraping for Canadian SEDAR)
- Rewrote data aggregation service from Node.js to Go with goroutines for async financial statement processing, reducing execution time by 66% and cloud costs

FloVision Solutions   Ames, IA
Software Engineer Intern   February 2024 - May 2024
- Improved yield optimization by using Python, OpenCV, and Intel RealSense to segment beef features and estimate product volume from depth data, processing hundreds of primals daily

Capital One   New York, NY & McLean, VA
Software Engineer Intern   Summer 2022, Summer 2023
- Built auto loan data visualization tool (Python, Snowflake, Chart.js) saving **$20K+** in operating costs; developed Go API reducing response latency by **67%**
- Created performance testing suite in Python/Locust with AWS integration (Lambda, SQS, S3) for CI/CD pipeline

PROJECTS

Full list of projects with demos: **loganjorgensen.com**

SwimSmart (Astro, OpenStreetMap, Chicago Open Data) — Drive Capital MCP Hackathon 1st Place
- Identified gaps in Chicago's beach closure system and built real-time dashboard using public data portal to surface live sensor data, offering a faster alternative to error-prone manual updates

Marketmon (Svelte, TypeScript, Python, Claude API, Stability AI) — Anthropic "Build With Claude" Contest Winner
- Built trading card game with stats from real-time S&P 500 financial data; AI pipeline using Claude API for content and Stability AI for artwork

ThailandDev (Next.js, Python, PostgreSQL, Vertex AI API, Playwright, Docker)
- Full-stack job board with LLM-powered scraper using Crawl4AI and self-deployed Qwen 8B on Vertex AI Model Garden to dynamically extract structured job data without flakey selector-based crawling
- Drove organic signups through programmatic SEO with zero marketing spend

Federal Reserve Policy Analysis (Python, NLP, ML)
- Built ML model to analyze Federal Reserve interest rate decisions by processing 20+ years of FOMC statements using NLP and TF-IDF vectorization

EDUCATION

Iowa State University   B.S. Computer Science, GPA: 3.65 | August 2021 - May 2024
Certifications: AWS Solutions Architect Associate, AWS Developer Associate