

Carinne Tzurdecker

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EDUCATION

Kennesaw State University College of Computing and Software Engineering
Bachelor of Science in **Computer Science** | Concentration: **Artificial Intelligence**

August 2022 - December 2025
GPA: 3.3 | Dean's List: Spring 2023, Fall 2025

TECHNICAL SKILLS

- **Languages & Frameworks** | JavaScript, Python, Java, SQL, React, Next.js, Flask, HTML, CSS, SOQL, TypeScript, Dart
- **AI & Data** | LLM Integration, Prompt Engineering, Agentic AI, NLP, PyTorch, TorchVision, scikit-learn, pandas, NumPy, Sentence-BERT, Faster R-CNN, Computer Vision, Embeddings, Cosine Similarity
- **Tools & Platforms** | Make.com, n8n, GCP, Supabase, GitHub, Postman, Jira, Kibana, RabbitMQ, Figma, Jupyter, LaTeX, Glean, Cursor, Vercel, APIs

PROFESSIONAL EXPERIENCE

Software Consultant | Manhattan Associates - Atlanta, Georgia

January 2026 - Present

- Built and deployed an **award-winning internal AI case management agent** that centralized ongoing case updates, improved cross-team visibility, and reduced manual coordination by approximately 5-8 hours per consultant per week across multi-client portfolios.
- **Built internal AI tools** that transformed scattered context into structured analysis for consultants and operations teams.
- Investigated JSON payloads, SQL tables, and API request/response flows to **identify root causes in high-volume operational workflows** and customer-facing system integrations.
- Supported enterprise supply chain and transportation platforms across 6 GCP-hosted production environments, diagnosing issues through **log analysis, distributed message tracing, and API validation**.
- **Tools/Platforms:** GCP, Kibana, RabbitMQ, Glean, Jira, Salesforce, SOQL, Outlook, LLMs

Applied AI Engineer Intern | Rankney - Tel Aviv, Israel & Remote

April 2025 - November 2025

- Architected and owned **11 LLM-powered automation agents** across **30+ client sites** and **80+ external sites**, covering the full lifecycle from requirements gathering and workflow design through deployment, testing, and iteration.
- Designed agent logic for multi-step decision flows, including **conditional branching, routing rules, fallback paths, and autonomous recovery behavior**.
- Integrated LLMs, Make.com, n8n, REST APIs, JSON payloads, Python scripts, and Google Sheets to connect data collection, reasoning, and reporting systems.
- Converted **unstructured website data, client feedback, crawl results, and service inquiries** into structured outputs usable by downstream automation steps.
- Implemented **validation checks and schema controls** to keep AI-generated outputs consistent, machine-readable, and reliable across variable client inputs.
- Debugged failed executions by inspecting **API responses, malformed JSON, crawl errors, broken field mappings, and incorrect LLM outputs**.
- Built **reusable automation patterns** that reduced repeated implementation work across SEO, content, reporting, and client communication use cases.
- Reduced **60+ hours/week of manual work** across client operations by automating repetitive research, content, reporting, and communication tasks.
- Contributed to a **20% revenue increase in 5 months** by delivering scalable AI automation systems across client accounts.
- Presented **system architectures, implementation tradeoffs, and automation constraints** to technical teams and non-technical stakeholders.
- Translated client pain points and business requirements into **technical workflow specifications, data mappings, prompts, and integration logic**.

Founder/Software Engineer | Weightlisted - Remote

July 2025 - Present

- Founded an affordable **web solutions business** serving coaches, gyms, small businesses, and independent professionals seeking custom websites and digital presence support.
- **Led a 3-person team** through full product lifecycles, including client discovery, requirements gathering, UI/UX design, frontend development, deployment, launch support, and post-launch iteration.
- Built and deployed **responsive websites and platforms** using **React, Vite, JavaScript, HTML, CSS, APIs, and modern frontend/backend tooling** for service-based clients.
- Designed and developed **Weightlisted Map**, a filterable discovery directory that helps users find and compare coaches and non-commercial gyms across targeted markets.
- Implemented a **JSON-driven data layer** to dynamically render directory listings, coach profiles, gym information, location-based filters, and market-specific search results.
- Delivered custom websites featuring **API-integrated scheduling, responsive layouts, custom branding/logo design, blog and case study pages, testimonials, pricing tiers, contact flows, and conversion-focused landing pages**.
- Translated client goals, brand identity, service offerings, and target audiences into **technical requirements, page structures, visual direction, and launch-ready websites**.
- Managed **client acquisition, pricing, proposals, brand development, project timelines, and launch campaigns** while balancing technical delivery and business operations.
- **Improved visibility** for coaches, gyms, and small businesses by creating affordable, professional web platforms that made services easier to discover, evaluate, and contact.

Software Engineer & Scrum Master Intern | Poozle - Remote

June 2024 - January 2025

- Built **customer-facing React features** for a production mobile application, supporting core user workflows through responsive and interactive frontend development.
- Integrated **location API functionality** for geolocation and text-based address suggestions, implemented **frontend state logic** to route swiped cards into archive or applied views, and leveraged **MongoDB** to persist user decisions across workflows.
- Improved sprint velocity by 30% through Agile coordination and cross-functional collaboration under tight deadlines.
- Built responsive UIs using React.js with RESTful API integration.
- **Facilitated cross-team collaboration** under tight deadlines, demonstrating adaptability and client-facing professionalism in a high-growth environment.

PROJECTS

Coach Discovery Platform | JSX / React, Vite, JavaScript, HTML, CSS, APIs, JSON, Supabase, Typescript, SQL

April 2026 - Present

- Built a **map-based fitness discovery platform** that enables lifters to search, compare, and evaluate coaches and gyms by location, training specialty, availability, and market.
- Designed a **user-centered discovery experience** with interactive map pins, searchable coach profiles, gym listings, ratings, favorites, contact pathways, and filterable specialty tags.
- Built a Supabase-backed data layer with SQL schema design, row-level access policies, and TypeScript Edge Function to automate the management of coach submissions and structure incoming/outgoing profile data.

EDI Operations Email Intelligence Agent | Glean, SOQL, Outlook, LLMs, Parsing Logic

May 2026

- Built an **AI agent that parses multi-party EDI-related email threads** from carriers, shippers, 3PLs, and enterprise clients into structured operational dashboards.
- Surfaced bottlenecks, delay ownership, and operational pain points across complex supply chain and transportation workflows.
- Deployed internally to **support high-volume EDI operations** and cross-party communication analysis.

Consultant Case Management Agent | Glean, SOQL, Salesforce, Jira, Outlook, LLMs, Parsing Logic

March 2026

- Developed and deployed an internal AI agent that pulls context from Jira tickets, emails, internal documents, and consultant notes to centralize ongoing case updates across multi-client portfolios. - Enabled consultants to instantly understand scattered issue history by surfacing organized status updates, blockers, ownership, and next steps in a single view. - Saved 5–8 hours per consultant per week across teams.	
Grocery List AI Chatbot App Flutter, Dart, APIs, Figma	August 2025 - November 2025
- Designed and developed a full-stack AI grocery planning app that generates portion-scaled shopping lists through recipe ingestion, ingredient normalization, LLMs, and traditional search methods. - Built an AI chatbot interface that lets users describe meals, events, dietary goals, or party sizes in natural language, then returns structured grocery lists with portion-adjusted ingredients and recipe-based recommendations. - Implemented Agile methodologies with structured documentation to ensure maintainability, scalability, and collaboration.	
Client Feedback Ingestion Agent LLMs, Make.com, APIs, JSON, Google Sheets	November 2025
- Built a feedback ingestion agent that parsed incoming client feedback and converted revision requests into structured content parameters. - Automatically updated content instructions before each publishing cycle to carry client preferences into future generated outputs. Reduced manual revision work by removing repeated handoff steps between feedback collection, content adjustment, and publishing preparation.	
WhatsApp Business LLM Chatbot LLMs, Make.com, APIs, JSON, WhatsApp Business	October 2025
Built and integrated a reusable WhatsApp Business LLM chatbot for service-based client communication workflows. Automated common customer interactions by generating natural-language responses based on client service context and user requests. Reduced manual workload by 10+ hours/week per client by streamlining repetitive service inquiries and communication tasks. - Improved responsiveness for client-facing conversations by routing common requests through an always-available chatbot workflow.	
AI SEO Extraction Pipeline LLMs, Make.com, APIs, JSON, Python	October 2025
Engineered an autonomous SEO audit agent that orchestrated multi-source data collection across 30+ client sites. - Collected and analyzed sitemaps, robots.txt files, homepage metadata, page structure, and crawl outputs to identify SEO issues. - Executed LLM-driven analysis through structured reasoning chains to detect missing elements, misconfigurations, and optimization gaps. Generated actionable SEO audit reports in Google Sheets for internal review and client-facing optimization planning. Eliminated 10+ hours/week of manual SEO analysis by replacing multi-tab research with automated data collection and report generation.	
Book Recommendation System Python, Flask, Sentence-BERT, scikit-learn, pandas, HTML, CSS, JavaScript	September 2025
Built a full-stack book recommendation system using Sentence-BERT embeddings and cosine similarity across 50K+ books, integrating the NLP backend with a	June 2025
LLM-Driven SEO Content & Backlink Automation Pipeline LLMs, Make.com, APIs, JSON	
- Built an autonomous LLM-driven SEO content pipeline that crawled 30+ client sites to extract metadata, generate optimized blog posts, and prepare targeted backlinks. Published automated SEO content across 80+ external (PBN) sites to improve client domain authority through automated backlink placement. - Achieved 95%+ autonomous task completion by automating crawl, generation, formatting, validation, and publishing steps. - Reduced content production time by 90%, saving 30+ hours/week of manual workload across SEO publishing operations.	
UI/UX Element Detection for Visually Impaired Python, PyTorch/TorchVision, Faster R-CNN (ResNet), RICO Dataset, LaTeX	April 2025
Built and optimized Faster R-CNN models, improving accessibility for visually impaired users by classifying UI elements; responsibilities included training, debugging, performance analysis, and co-authoring the final paper.	
Spotify Machine Learning Case Study	October 2024
Analyzed Spotify's ML recommendation architecture using supervised learning and unsupervised matrix factorization.	

LEADERSHIP EXPERIENCE

President Kennesaw State University Club Barbell - Kennesaw, Georgia	May 2024 - January 2025
Directed 7 officers and 90+ members, fostering a collaborative and inclusive culture. - Expanded campus presence and member retention through targeted content campaigns, collaborations, and events. - Led and prepared the men's team (8 athletes) to qualify for the World Championships. - Co-designed and launched the club's first merchandise line, boosting merchandise sales and engagement.	
Vice President Kennesaw State University Club Barbell - Kennesaw, Georgia	January 2023 - May 2024
Created an official website for the club to strengthen recruitment, club organization, and sponsor outreach efforts. - Scaled social media to 11K+ followers through digital strategy. - Built Excel-based budgeting and inventory systems for accurate financial control.	

LANGUAGES

- English** (Native) | **Hebrew** (Intermediate) | **Russian** (Basic)