Quana Parker Cindler

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SUMMARY

AI Prompt Engineer with a strong foundation in Python, SQL, and data analysis, currently enhancing user engagement at Meta. Early adopter of chatbot-based LLMs and founder of a community Makerspace. Proven track record in AI strategy, web development, and entrepreneurial ventures. Passionate about leveraging ML & AI to drive innovation and deliver real-world solutions. Committed to continuous learning and applying technical skills to complex challenges.

WORK EXPERIENCE

Meta • 05/2024 - Present • *AI Prompt Engineer*

- Collaborated with Meta's AI teams to refine and ground chatbot and LLM character models, enhancing conversational engagement and character authenticity through data annotation and iterative model improvements. Routinely in the top 10%-20% of contributors by volume.
- Designed and refined conversational AI prompts, enhancing clarity and user engagement for Meta AI, Character AI, and Instagram Creator AI.
- Conducted red teaming exercises to identify and mitigate vulnerabilities in chatbot systems, ensuring robust security and reliability.
- Collaborated with the engineering team to develop advanced data analysis tools for a model garden project, leveraging Docker, Python, Streamlit, and Local Ollama via API. Integrated NLTK for sentiment analysis, streamlining workflows and significantly enhancing team efficiency.
- Tuned models to ground truth through model grounding tasks, leveraging expertise in Python and multimodal frameworks.
- Evaluated multimodal conversational AI systems, integrating image, voice-to-text, and text-to-voice capabilities, including phone-based interactions.
- Collaborated with the Speech AI Team on Meta SmartGlasses projects, delivering qualitative reports with actionable recommendations.
- Led a secondary learning project to develop a debate framework for an agentic workflow, aimed at improving model outputs through structured debate and collaborative analysis.

SparkerQ industrial design • 12/2022 - Present • *AI Strategist and Prompt Engineer*

- Early adopter of Chatbot-based LLMs for business implementations. Developed chatbot scripts, prompts and conversational AI solutions.
- Built database of LLM prompts using web development technologies, best practices and database management.

The Hornby Spark Society • 08/2015 - Present • *Founder & President*

- Founded a non-profit Makerspace and innovation centre, actively promoting community learning, technological exploration and DIY tech solutions.
- Utilized Jupyter, Python, WhisperAI, and the GPT-4 API, to transform audio recordings into executive summaries, demonstrating a proficiency in leveraging digital tools for operational efficiency.

Freelance Software Developer • 09/2003 - 10/2004
- Development of websites for small businesses. Proficiency in coding, debugging, and optimizing web applications using programming languages such as HTML, CSS, JavaScript, and PHP.
- Ability to manipulate and analyze data efficiently, automate repetitive tasks, and build data-driven applications and scripts for data preprocessing and analysis.

Atomic Creations Inc • 07/2001 - 09/2003 • *Co-Founder*
- Co-founded a successful digital marketing software company, showcasing entrepreneurial spirit, leadership, and the ability to drive projects from concept to market.
- Developed and implemented an automated content scheduling management software, demonstrating innovation and a solution-oriented approach to addressing complex challenges.

PROJECTS
LLM and Data Science Home Lab
- Designed and built a high-performance AI home lab, featuring a Dell PowerEdge R730 with dual Nvidia Tesla P100 GPUs, significantly enhancing computational capabilities.
- Gained expertise in full stack hardware and software integration, from system configuration to software optimization, ensuring optimal performance for AI, ML, DL, and DS tasks.
- Ensured data privacy and security by managing and processing sensitive data locally, meeting enterprise-level compliance requirements.
- Developed advanced technical troubleshooting skills by serving as the sole tech support, rapidly resolving issues and optimizing system performance.

Artificial Intelligence & Machine Learning Application Project as part of the ICT Ignite Skills - Digital Tech Projects.
- Led and actively contributed to the successful revamp of RAIN's analytics platform.
- Achieved critical milestones, such as infrastructure setup, GitHub configuration, and advanced coding, ensuring the project's progress and ultimate success.
- Focused on improving data visualization components, including bar graphs and analytics interfaces, for a more user-friendly experience.
- Prioritized UI updates and colour scheme refinements, resulting in a visually appealing and functional analytics page.
- Collaborated closely with team members, fostering effective communication and teamwork.
- Maintained a high level of code quality, with regular refactoring and updates, reflecting a commitment to delivering a top-notch application.
- Project achievements: https://app.riipen.com/users/vO2RbbJO/achievements

Qp-Rompt
- A dynamic web platform designed to serve as a repository for prompts, facilitating discussions and interactions around them.
- Utilizing GPT-4, configured a Ubuntu VPS, installed Python, Jupyter, Apache2, PHP, and MySQL, and integrated a domain to establish a sophisticated sandbox environment.
- Live implementation of the project: https://quana.org/qp-rompt/

EDUCATION & CERTIFICATIONS
- *Bachelor of Computer Science* - University of Northern British Columbia - 2001
- Data Science Professional - Coursera - 2024
- React Basics - Coursera - 2024

SKILLS

Large Language Models (LLM), Generative AI, Git, Data Visualization, Data Science, Machine Learning, Artificial Intelligence (AI), Chatbot QA, Business Planning, Data Analysis, Data Science Methodology, Python, Jupyter, numpy, scikt-learn, Pandas, matplotlib, Seaborn, Tensorflow, PyTorch, NLTK, spaCy, LangChain, R (Programming Language), NLP, SQL, ChatGPT, GPT4 API, Stable diffusion, WhisperAI, Web Development, PHP, JavaScript, CAD/CAM, CNC Machine, Digital Marketing, Leadership, Django, React.js, Linux System Administration, Project Management