COREY PRESTON

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PROFESSIONAL SUMMARY

Innovative Technical Leader with 7+ years of experience designing and implementing AI/ML solutions and web applications. Patent-pending inventor of an AI content creation pipeline with extensive experience deploying transformer-based models. Proven track record in mentoring technical teams, developing end-to-end ML solutions, and creating user-centered AI applications. Active contributor to Cisco's LLM Center of Excellence since 2022 with expertise in LangChain, Pydantic, and modern ML frameworks.

TECHNICAL SKILLS

AI/ML: LangChain, LangSmith, Pydantic, Transformer Models, AI Content Generation, Prompting Engineering
Programming: Python, JavaScript, NodeJS, FastAPI, SvelteKit
ML Infrastructure: MLOps, Hugging Face, Ollama, Open-WebUI
Web Development: HTML/CSS, Figma, UI/UX Design, Responsive Design
Leadership: Technical Mentorship, Cross-Functional Collaboration, Product Management

CERTIFICATIONS

- Gen AI Blue Belt Certification, Cisco Systems (2023)

PROFESSIONAL EXPERIENCE

CISCO SYSTEMS — AI Technical Leader & Community Manager

May 2021 - Present

AI Solutions & ML Infrastructure Development

- Designed and developed patent-pending AI content creation pipeline, optimizing content production workflows
- Architected and built internal AI tools leveraging Ollama and Open-WebUI, currently approaching beta testing phase

- Developed Python-based Support Chatbot using Cisco BUFF platform and transformer models to improve content discovery
- Active contributor to Cisco's LLM Center of Excellence since 2022, researching and implementing cutting-edge AI solutions

AI Technical Leadership & Mentorship

- Lead a team of 4 engineers in AI skill development, focusing on LangChain implementation and prompt engineering
- Created comprehensive AI educational materials and conducted company-wide training sessions
- Presented multiple times at Cisco events on AI applications and best practices
- Featured speaker at Cisco UI/UX Conference (dzone) on AI integration in user interfaces

End-to-End Solution Design

- Led cross-functional collaboration with Cisco Webex Design team to integrate AI capabilities into product experiences
- Developed AI Brainstorming session kit in partnership with design team to improve ideation processes
- Designed and developed digital Hardware Installation Guide using SvelteKit, NodeJS, and Postgres
- Built automation application reducing document publishing time from 3+ hours to <30 minutes using NodeJS

FISHMAN CONSULTING (CISCO) — Team Lead Content Development

March 2018 - May 2021

Technical Leadership & Solution Development

- Led team in continuous improvement of workflow and toolchain, including JavaScript-based document feature development
- Managed transition to AI-assisted content development, achieving 175% reduction in article production time
- Mentored team in advanced web publishing techniques, resulting in 40% year-over-year growth in document visitors
- Authored configuration guides and white papers for Cisco small business hardware

COREY PRESTON CONSULTING — Principal & Technology Author

March 2016 - 2018

AI & Technology Research

- Researched and authored content on emerging AI technologies since 2017

- Developed and published "Welcome to Tomorrow: A Beginner's Guide to Technology," a non-fiction educational work explaining complex technical concepts in accessible language
- Created research-backed content introducing FinTech innovations for Visa's internal sales professionals

ADCADE/EXPONENTIAL MEDIA — Product Innovation Lead

October 2008 - March 2016

Product Development & Technical Leadership

- Led skunk works team in developing first in industry ad units for brand awareness campaigns from concept through engineering specifications
- Authored UI/UX design documentation and managed implementation of web application-style advertising products
- Established thought leadership through published articles in industry periodical AdExchanger.com

NOTABLE PROJECTS

AI-Powered Tutor Accessibility focused ChatGPT - Beta stage (Side Project)

- Designed and developed accessible UI/UX focused AI App built to improve comprehension
- Created custom tracking system to monitor learning progress
- Handled complete product creation including UI design, mascot creation, and backend development

AI Content Automation System (Patent Pending)

- Developed end-to-end ML pipeline for content transformation and generation
- Implemented LangChain and custom transformers to optimize content workflow
- Reduced content production time by over 70% while maintaining quality standards

Hardware Installation Guide Digital Transformation

- Led CSDL project converting traditional documentation to interactive digital format
- Designed system architecture using SvelteKit, NodeJS, and Postgres
- Integrated AI-assisted features to enhance user experience and content discovery

EDUCATION

B.S. Marketing, State University of New York at Oswego