

CARA CATALANO

CERTIFICATE PORTFOLIO

Cara's certification portfolio centers on applied generative and agentic AI, with concentrated, hands-on depth in Anthropic's Claude ecosystem — Claude Code, the Claude API, RAG and MCP server development, and prompt engineering — alongside Google Cloud's Generative AI Leader curriculum, Amazon Web Services' foundational cloud AI training, and Vanderbilt University's AI Agent Developer and Generative AI Software Engineering specializations. This is grounded in formal engineering practice through the University of Minnesota's coursework in software development processes and methodologies. Together, these certifications reflect practical fluency in building, prompting, and orchestrating multi-agent AI systems, from foundational concepts through production-oriented architecture.

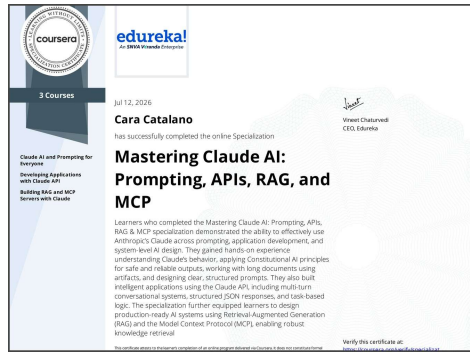
This technical foundation is paired with parallel expertise in the human side of learning and leadership: the University of Colorado Boulder's Neuroscience of Leadership specialization, the University of Cambridge's Learning and Memory in the Brain, and coursework in AI-integrated education from the University of Pennsylvania, IBM, and Arizona State University, alongside the Saïd Business School at the University of Oxford's AI Essentials and the University of California, Irvine's Grammar and Punctuation coursework, sharpening the clear, precise communication that underpins effective teaching and technical writing alike. Together, this portfolio positions Cara at the intersection of generative AI systems engineering and evidence-based approaches to teaching, cognition, and organizational leadership.

The institutions and organizations below represent the issuers behind this certification portfolio. Their logos reflect the breadth of academic and industry partners whose curricula shaped this work.





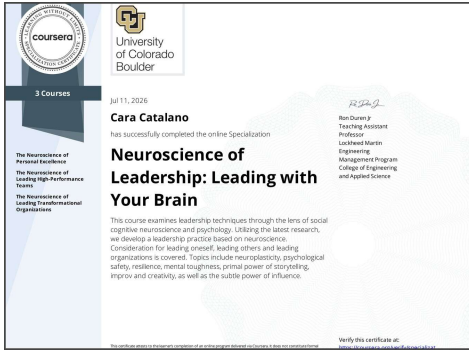
AI Agent Developer Specialization (Vanderbilt University)



Mastering Claude AI: Prompting, APIs, RAG, and MCP Specialization (Edureka)



Generative AI Software Engineering Specialization (Vanderbilt University)



Neuroscience of Leadership: Leading with Your Brain Specialization (University of Colorado Boulder)



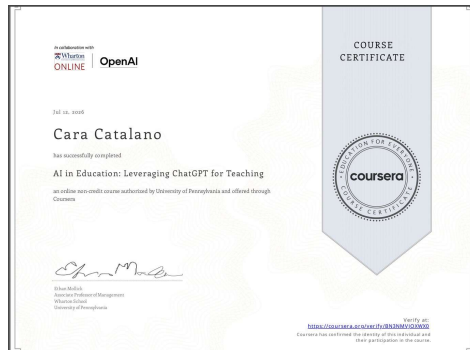
Generative AI Leader Professional Certificate Specialization (Google Cloud)



Working Smarter with AI Specialization (University of California, Davis)



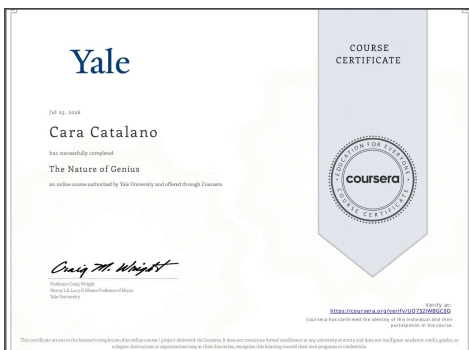
Artificial Intelligence Essentials (University of Pennsylvania)



AI in Education: Leveraging ChatGPT for Teaching (University of Pennsylvania)



Free Will & Neuroscience (Dartmouth College)



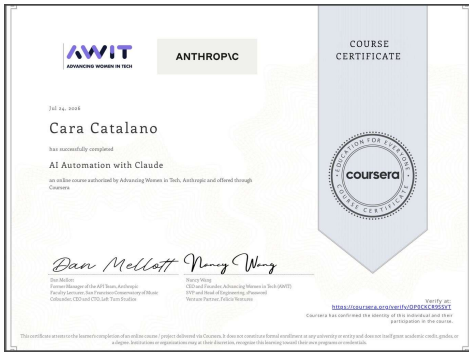
The Nature of Genius (Yale)



Drive Innovation and Growth (Harvard Business Review)



Claude Code in Action (Anthropic)



AI Automation with Claude
(Advancing Women in Tech)
(Anthropic)



Gen AI: Unlock Foundational Concepts
(Google Cloud)



Gen AI: Navigate the Landscape
(Google Cloud)



Gen AI Apps: Transform Your Work
(Google Cloud)



Gen AI Agents: Transform Your Organization
(Google Cloud)



Gen AI: Beyond the Chatbot
(Google Cloud)



Empowerment and Wellness: A Mindfulness Journey for Women
(Board Infinity)



Software Development Processes and Methodologies
(University of Minnesota)



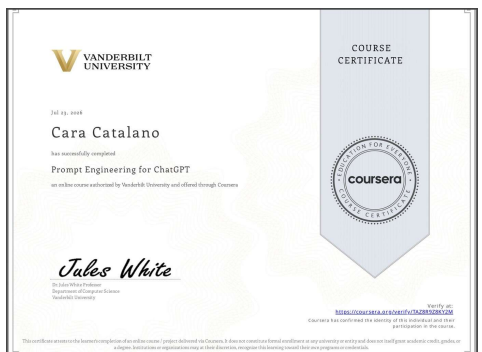
Generative AI: Advancing Systems Analysis & Architecture
(SkillUp)



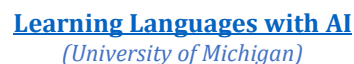
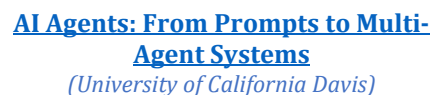
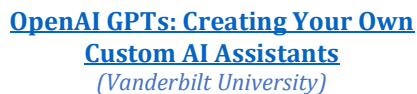
Claude Code: Software Engineering with Generative AI Agents
(Vanderbilt University)



AI Agents and Agentic AI Architecture in Python
(Vanderbilt University)



Prompt Engineering for ChatGPT
(Vanderbilt University)





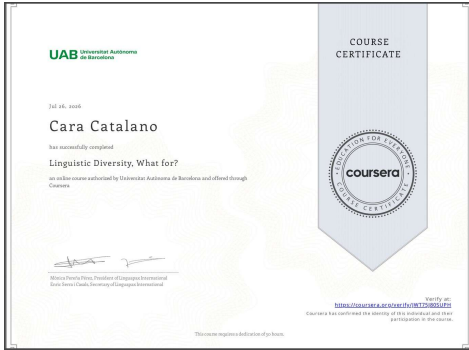
Systems Thinking for AI & Automation
(University of Michigan)



Learning and Memory in the Brain: A Guide for Teachers
(University of Cambridge)



AI Fundamentals and the Cloud
(Amazon Web Services)



Linguistic Diversity, What for?
(Universitat Autònoma de Barcelona)



AI Essentials
(Saïd Business School, University of Oxford)



Excellence in Online Teaching
(John Hopkins University)



Advanced Multi-Agent AI System
(Coursera)



Understanding Research Methods
(University of London)



Building RAG and MCP Servers with Claude
(Edureka)



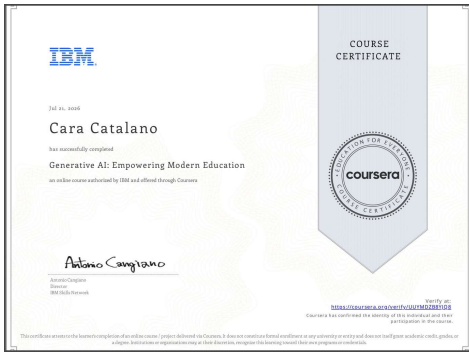
Developing Applications with Claude API
(Edureka)



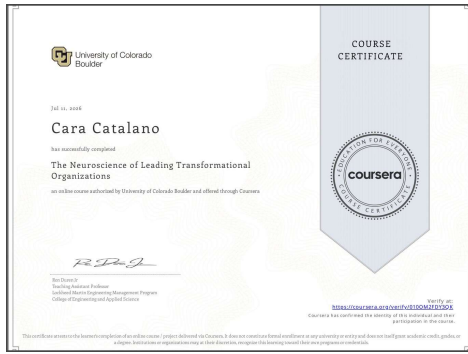
Claude AI and Prompting for Everyone
(Edureka)



Introduction to Cybersecurity Tools & Cyberattacks
(IBM)



Generative AI: Empowering Modern Education
(IBM)



The Neuroscience of Leading Transformational Organizations
(University of Colorado Boulder)



The Neuroscience of Leading High-Performance Teams
(University of Colorado Boulder)



The Neuroscience of Personal Excellence
(University of Colorado Boulder)



Resilience & Leadership: Concepts, Definitions, & Frameworks
(University of Colorado Boulder)



Claude AI Comprehensive Guide
(SkillsBooster Academy)



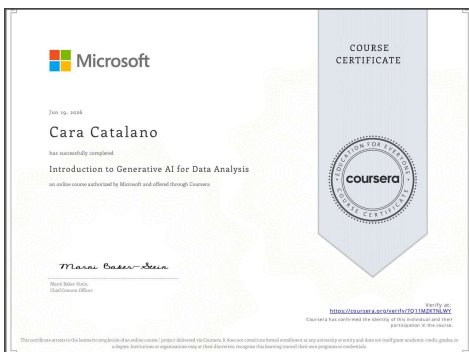
Teach English Now! Foundational Principles
(Arizona State University)



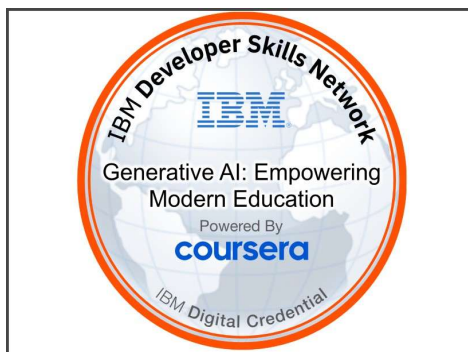
Teach English Now! Theories of Second Language Acquisition
(Arizona State University)



Teach English Now! Lesson Design and Assessment
(Arizona State University)



Introduction to Generative AI for Data Analysis
(Microsoft)



Generative AI: Empowering Modern Education
(IBM)



Introduction to Cybersecurity Tools and Cyberattacks V3
(IBM)