

Kyle Cronin

Product Manager · AI Workflows · Data Products

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SUMMARY

Product owner and developer with 10+ years of end-to-end product management and development, built on a physical science background that included three field seasons leading research in the Dry Valleys of Antarctica. Interprets analytics for diagnostics, engagement optimization, and strategic planning, with a record of improving brand communication, online product revenue, and active user counts. Develops membership-based business models, partnerships, and data products; designs and implements AI prototypes and workflows as a Claude Code super user; convenes key opinion leaders to align on priority pain points. Experienced working in cross-functional teams and building stakeholder relationships, and an effective presenter of complex topics to senior leaders and boards.

CORE COMPETENCIES

Product Development & Management · Business Model & Partnership Development · AI Prototype & Workflow Development · User Experience (UX) Optimization · Analytics & Data-Driven Decision Making · Agile/Scrum Methodologies · Team Leadership · AI Evangelism · Stakeholder Communication & Executive Presentation

PROFESSIONAL EXPERIENCE

American Dental Association

Chicago, IL

Manager Product Development

03/2025 – Present

Product strategy, member engagement, innovation, non-dues revenue development, and AI prototype and workflow development. Portfolio spanning membership models, partnerships, convening, and data products; board-, council-, and executive-facing analysis and presentation.

- Designed and built a multi-agent business-case pipeline with deterministic validation gates and LLM-as-judge classifiers, producing board-ready documents and financial models from a concept in a single run
- Built an evaluation harness for market research with five source-validation gates and a regression-replay library, transforming captured failures into permanent automated tests
- Introduced a blind two-sided adversarial screening method for scope decisions, with information isolation enforced by tooling rather than instruction
- Reduced drafting cost 40%+ through patch-based revision, scoped context delegation, and cache-aware orchestration
- Developed membership-based business and financial models for forecasting, culminating in a board presentation for the ADA's first nationwide group practice membership option
- Discovered the opportunity for a dental site selection and demographic analysis tool; developed prototype using Claude 3.5 Sonnet; built financial model and business case; delivered to senior leaders
- Convened KOLs across medicine, dentistry, payors, academia, manufacturing, and innovators for the ADA Summit Series, spanning 150+ stakeholder organizations
- Co-developed the innovation group's product development process: stage-gate protocols, portfolio matrix, and a business-model flywheel that linked multiple revenue streams
- Participated in technology and benefit-plan partnership development

Academy of Nutrition & Dietetics

Chicago, IL

Senior Manager, Online Product Development

08/2019 – 04/2024

- Spearheaded development of a relational database for Nutrition Care Process Terminology (NCPT), enhancing integration capabilities of web products

- Mentored direct reports and established team structure aligned with product goals
- Collaborated with sales and marketing to drive successful product campaigns
- Led key projects including digital rights management implementation, USDA food database integrations, and AI research assistant tool development

NCM and PREP Suite Project Manager

10/2017 – 08/2019

- Managed improvements for four online products serving professional nutritionists, overseeing \$2M in annual revenue and 10k daily active users
- Developed and maintained Google Analytics measurement plans using Google Tag Manager and R programming
- Delivered data-driven reports to inform strategic decision-making
- Proposed and implemented new product integration initiatives

Development Editor

08/2015 – 10/2017

- Managed development timelines for multiple publications simultaneously
- Guided authors on scientific writing, ensuring high-quality content delivery

University of Illinois at Chicago

Chicago, IL

Research Assistant

09/2012 – 03/2015

- Led field research teams in Antarctica, managing logistical preparations and team leadership
- Developed a steady-state diffusion transport model for gas analysis in lakes
- Managed and analyzed a 22-year environmental data set, presenting insights to inform decision-making

EDUCATION, CERTIFICATIONS & AWARDS

Master of Science, Earth and Environmental Science

University of Illinois at Chicago, 2015

Thesis: “Noble gas radioisotope constraints on water residence time in Lake Bonney, Taylor Valley, Antarctica”

Certified Scrum Product Owner (CSPO) · Certified Scrum Master (CSM) · Antarctic Service Medal of the United States of America