

Eduard Takhunts

Founder of Eldercare Robotics | Creator of Luka Bear

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Professional profile

Founder, product architect, and AI/assistive-technology strategist who combines lived caregiving experience with hands-on product execution. I lead practical systems from problem definition through conversational AI, web and caregiver applications, hardware integration, privacy documentation, deployment, and commercialization.

Flagship work: Luka Bear

Luka Bear is a non-medical assistive-technology platform created from my experience caring for my father with Alzheimer's disease. It connects personalized conversation, resident profiles, engagement activities, reminders, caregiver-configured workflows, remote presence, and implementation evidence.

Human problem

Support is needed across daily and overnight routines, including repetitive questions, isolation, missed routines, sundowning, and caregiver exhaustion.

Integrated response

Resident interaction, biography-informed personalization, caregiver tools, device controls, and evidence workflows operate as one connected product.

Current commercial stage

14-day free trials, subscription service, home deployments, and care-community implementation. Evidence is qualitative and implementation-based; it is not presented as a clinical trial or a claim of clinical effectiveness.

Founder responsibilities

- Product strategy and roadmap
- Conversational AI and personalization
- Caregiver application and portal development
- Hardware and software integration
- Privacy, consent, and data workflows
- Compliance and technical documentation
- Home and care-community implementation
- Trials, pricing, partnerships, and commercialization

Selected connected products

Luka Caregiver Companion App: Remote presence, reminders, messages, engagement activities, family media, authorized check-ins, and configurable caregiver workflows.

Caregiver Impact and Reimbursement Portal: Implementation records, evidence organization, public pathways, and reimbursement-readiness documentation.

Caregiver Mental Health Journal and Luka Bear Podcast: Active educational resources for caregivers, families, and care professionals.

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Capabilities, credentials, and current professional focus

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Core capabilities

AI product strategy

Use cases, conversational workflows, response architecture, personalization, prioritization, and limitation language.

Assistive technology

Person-centered tools for aging, dementia caregiving, routines, engagement, independence, and caregiver connection.

Web and applications

Responsive websites, caregiver applications, dashboards, portals, account systems, APIs, and cloud-connected workflows.

Implementation and commercialization

Trials, onboarding, evidence planning, reimbursement research, pricing, partnerships, and market positioning.

Selected credentials and continuing education

Healthcare: Alzheimer's and Dementia Certificate of Completion, HomeCentris Healthcare, September 2024.

Development: Programming Foundations with JavaScript, HTML and CSS, Duke University / Coursera; React, React Native, JavaScript, HTML5, and web-development coursework.

Infrastructure: The Bits and Bytes of Computer Networking and Technical Support Fundamentals, Google / Coursera.

Business: Introduction to Marketing, finance, accounting, and organizational coursework through the University of Pennsylvania / Coursera.

Education and languages

EDUCATION

Bachelor's degree, History
Yerevan State University

LANGUAGES

English - Professional working proficiency
Russian - Native
Armenian - Native
Japanese - Earlier formal study and professional use

Earlier professional background

Earlier entrepreneurial and business-development experience spans service businesses, digital marketing, client operations, and web-based products. This background is intentionally secondary to current United States work in AI-enabled care, programming, caregiver technology, and Luka Bear.

Current links

Personal: www.edwardtakhunts.com | Luka Bear: www.eldercarerobotics.net | Caregiver App: www.lukabear.net
Impact Portal: portal.lukabear.org | Caregiver Journal: www.lukabear.org