


KEREN-AUDREY OUAKNINE , PHD


TECH LEAD

I specialize in leveraging AI and Big Data to solve complex challenges with an expertise in system optimization, platform development, and data analysis. As the CEO of Harness Vision, I led R&D and business development, creating AI-driven solutions for horse health monitoring. My previous roles at AppsFlyer and Redis included designing scalable platforms and optimizing data systems, delivering measurable impact on efficiency.

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 Home: Biot, France

Key Expertise and Skills

- AI and Big Data
- Computer Vision
- Machine Learning
- Cloud platforms (AWS)
- Innovation
- System optimization
- Platform scalability
- Team Management
- R&D Leadership
- Programming: Python & Java
- Partnership development
- International collaboration
- Team training

Education

- **PhD in Computer Science, 2011-2017** UC Irvine & Hebrew University Jerusalem
- **MSc in Computer Science** Polytech Nice Sophia-Antipolis

Languages

- French: Native
- English: Fluent

PROFESSIONAL EXPERIENCE

SAS HARNESS VISION 2023 – present

CEO & Co-Founder

Developed and led the technical roadmap, commercial strategy and customer success. Incubated at:

- Amazon Builder Space
- IPCA (Incubator Provence Côte d'Azur)
- Réseau Entreprendre

APPSFLYER 2022 – 2023

Tech Lead | Architecture Team

Led the measurement and analytics team working with Big Data on AWS to deliver actionable insights. Utilized platforms including Hadoop, Spark, and Druid to optimize data processing pipelines.

REDIS 2016 – 2019

Senior Big Data Architect | CTO Team

Developed next-generation database solutions for Redis with our R&D teams and storage partners (Intel, Samsung). Products include Redis Enterprise, Redis-on-Flash, Redis-Graph and Redis AI.

DELL Technologies 2012

Intern software engineer (PhD)

Optimized Pivotal Greenplum Database performance, enhancing query efficiency and scalability for big data analytics applications.

HPCC Systems 2011

Intern software engineer (PhD)

Contributed to optimizing HPCC Systems, the world's largest database for legal documents, improving data processing efficiency and scalability.

Intel 2007 – 2010

Software engineer

Developed and enhanced AMT (Active Management Technology) vPro provisioning service, delivering improved system management and remote provisioning capabilities.