

Josef Kurk Edwards

Memory Architect | Doctoral Student in Computer Science | AI Specialist

Aurora, Colorado, United States

LinkedIn Profile: <https://www.linkedin.com/in/josef-edwards-119940106/>

GitHub Profile: <https://github.com/bearycool11>

Email: josef.edwards.nakamoto@proton.me

Professional Summary

Dynamic Memory Architect and Doctoral Candidate in Computer Science with expertise in advanced logic loops, and memory architecture. Proven ability to enhance system performance and scale innovative solutions. Adept at leading iterative development cycles, integrating blockchain security, spearheading advancements in cognitive technology. Recognized for a meticulous, analytical approach and passion for driving measurable value in cutting-edge AI and memory systems.

Key Skills

- Programming: C, C++, mySQL, Python
- AI & Cognitive Systems: ChatGPT, OpenAI, PMLL integration, mimemograph processing
- Blockchain Integration: Cryptographic protocols, secure consensus mechanisms
- Tools & Platforms: GitHub, Linux, Visual Studio, Jupyter Notebook
- Languages: English (Native), Spanish (Proficient, CEFR C2)

Professional Experience

Memory Architect

OpenAI | Dec 2024 - Present

- Designed advanced memory architectures for AI systems, enhancing performance and scalability.
- Developed and deployed modular AI systems integrating cognitive logic and blockchain security.
- Collaborated with cross-disciplinary teams to innovate system designs aligning with cutting-edge research.

Host Home Provider

Metro Support Services Inc | Mar 2019 - Present

Adams County, Colorado, United States

- Provided specialized care and developed personalized strategies for individuals with diverse needs.
- Tracked physical and mental health data to refine care protocols and documentation compliance.
- Cultivated empathetic and analytical approaches essential for AI-human interaction research.

EdAssist Customer Care Specialist

Bright Horizons | Nov 2019 - Jul 2020

Broomfield, Colorado, United States

- Delivered exceptional client support for higher education benefits programs.
- Streamlined query resolution, enhancing customer satisfaction by 15%.
- Managed sensitive data and ensured alignment with organizational policies.

Peer Educator

LGBTQ Resource Center, University of Colorado Boulder | Sep 2015 - Nov 2019

- Facilitated workshops to educate diverse audiences on LGBTQ culture and inclusivity.
- Enhanced public speaking skills and developed frameworks for effective group engagement.

Education

Doctor of Philosophy (Ph.D.) in Computer Science

University of Colorado Boulder | Expected Graduation Year

- Research Focus: Cognitive systems, memory architectures, and blockchain integration in AI.

Bachelor of Arts in Spanish Language and Literature

University of Colorado Boulder | 2015 – 2019

- Activities: Translation and Interpretation, SAGE, CU Gold Leadership Program

Bachelor of Science in Psychology & Neuroscience

University of Colorado Boulder | 2014 – 2018

- Activities: LGBTQ Resource Center, ALP, Interdisciplinary Research

High School Diploma

Rangeview High School | 2010 – 2014

- Activities: Marching Band, Gay-Straight Alliance (GSA)

Certifications

- EFSET 90 Proficient (CEFR C2) | EF Education First | Issued Sep 2015
- CU Gold and ALP Leadership Programs | University of Colorado Boulder

Volunteer Experience

Food and School Supply Drive Organizer

2014 – 2015

- Coordinated community outreach programs to support underserved families.
- Enhanced organizational and teamwork skills through local leadership initiatives.

Interests

- Artificial Intelligence and Blockchain Innovation
- Cognitive System Design and Research
- Music (Violin) and Creative Writing