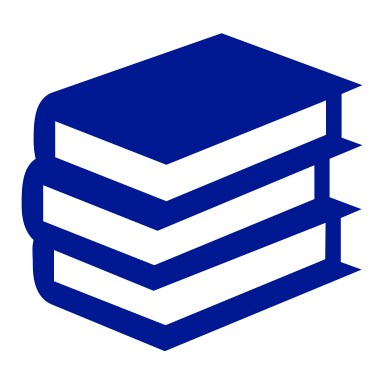
Kevin **McNamara**

Senior Technology Director, Head of Artificial Intelligence Research

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| House with solid fill3 Somerset Lane Suite 602, Edgewater, NJ 07020 | Receiver with solid fill+1305.930.1035 |

Motivated and experienced technology executive with a proven track record of building innovative solutions that address complex challenges in various industries. In previous roles as Principal AI Research Head, Principal Technical Researcher, CEO, and Director of Machine Learning Research, led teams in developing cutting-edge technologies that have had a significant impact on organizations.

Core strengths

* Experience operating $30MM+ budgets utilizing Proformas, balance sheets, Term Sheets, Raising Debt financing, Board Room Management, and tax management.
* Extensive leadership experience directing global research and development teams delivering large-scale system production solutions.
* Demonstrated research-level expertise in artificial intelligence, cloud computing, application development, and architecture.
* Fluent in the use of high-performance machine learning libraries.
* Deeply passionate about promoting creativity and innovation.
* Highly adept at facilitating strategic partnerships and business development, forging strong alliances with industry leaders, startups, and academia to drive innovation and stay ahead in the rapidly evolving AI/ML/LLM landscape.

Competencies

Primary Languages: Python, Java, C/C++, Clojure/Lisp, Rust, Julia, Go, C#, Mathematica

Deep Learning: TensorFlow, PyTorch, KERAS, SciKit

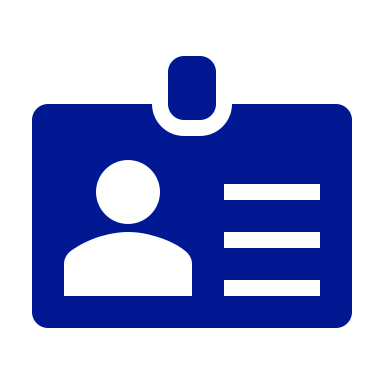
Data Science: NumPy, Scikit-Learn, Pandas, OpenCV

AI Research: Large Language, Large Quantitative Model, Liquid Neural Networks, Attention

Cloud computing: Amazon Web Services, Google Cloud Engine

Database systems: Mongo, Redis, RedShift, Postgres/SQL, NoSQL, Oracle, MySQL, Splunk

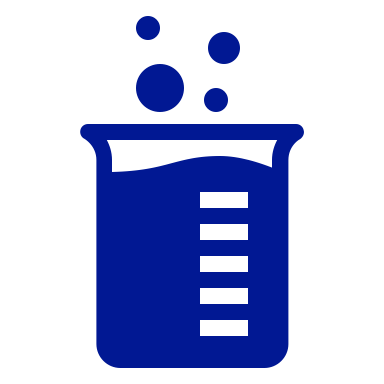
Development tools: Git, Bitbucket, Docker, Bash, Make, VIM, Eclipse, Jenkins, Jules

Professional Experience

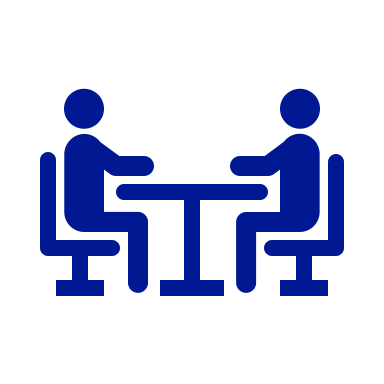
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| January 2021 - Present | JP Morgan Chase, Head of Research & Development: Leading efforts in Artificial Intelligence, Public Cloud, and Modern Experience.   * Lead a think tank team of 20+ architects and researchers who delivered 400 experimental applications and features between 2021-2023, resulting in a 30% reduction in technology support tower headcount and $190MM in annual productivity and headcount savings for the firm. * Streamlined R&D processes using large language models and time-to-market pipeline efficiencies, reducing time to market by 20%. * Initiated and managed partnerships with MIT, Microsoft, Google, OpenAI, and open-source communities, which expanded the company's reach and access to cutting-edge technologies. * Increased staff competency in emerging technologies through a novel training program, which prepared the company for the future of work. * Designed scalable and robust systems for four flagship products, overseeing the architecture team, which resulted in increased customer satisfaction and reduced downtime. * Introduced public cloud microservices architecture, resulting in a 35% increase in system reliability and improved disaster recovery capabilities. * Collaborated with product management to ensure technological solutions met market needs, which resulted in the successful launch of several new products. * Mentored junior architects and developers, fostering a culture of continuous learning and innovation, which led to the development of several new technologies. * Led a small R&D team in the prototype development of a pioneering sentiment and user experience management system, which has the potential to revolutionize the way companies interact with their customers. * Conducted in-depth market research to guide the focus of the company's R&D investments, which has resulted in the development of several successful products. * Submitted 9 nonprovisional patents related to Machine Learning and systems optimization, which further establishes the company as a leader in these fields. * Member of Global AI Council – Advises on best practices, ethics, and responsible AI deployment to on-board cutting-edge AI industry wide AI/ML advanced technologies like Language Models (LLMs) |
| January 2019 - Present | 8thSensus Inc, Founder & Chairman: Built company, product, and solution around a custom proprietary AI delivering complete, transparent, and continuous end-to-end identity authentication on desktops, laptops, virtual machines, and mobile assets. |
| May 2019 – January 2019 | JP Morgan Chase, AI Consultant, May 2019 - Jan 2020: Developed AI Experience Tools that draw on employee insights from data lakes, resulting in two nonprovisional patent applications in AI support services. |
| June 2015 - Present | McNamara Group, Founder & CEO: Provide expert consultancy to clients on a wide range of innovative technologies, including security, cloud computing, machine learning, and artificial intelligence. |
| June 2015 – January 2019 | HiveIO Inc, Founder & CTO: Spearheaded engineering of AI Cloud Product and strategic planning, raising $30MM and generating $10MM ARR. |
| June 2009 -June 2015 | JP Morgan Chase, Global Head of R&D: Nurtured Silicon Valley startups through equity investments, expanding JPMC's market presence in cloud computing, and application user security returning $70MM in equity investment in 3 years. |
|  | Directed a global team of engineers to develop and deploy an extensive first in the corporate industry at scale enterprise private cloud, which saved the company $10MM annually in infrastructure costs. |
| 1994 - 1997 | Citigroup, Senior Technology Manager |
|  | AT&T – Specialist: Network Consultant  GAF Material – Senior Cisco Network Director |

Education

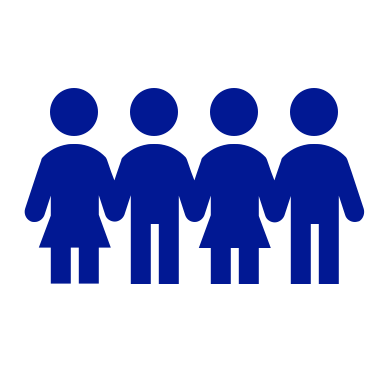
* New Jersey Institute of Technology (Electrical Engineering, Applied Mathematics)
* Steven’s Technology Institute (Applied Physics, Applied Mathematics)
* Massachusetts Institute of Technology (Data Science, LLM, Recommendation Systems, Deep Learning) Micro Degree
* Carnegie Mellon (Deep Learning for AI, Vision Specialty) Certificate

Patents

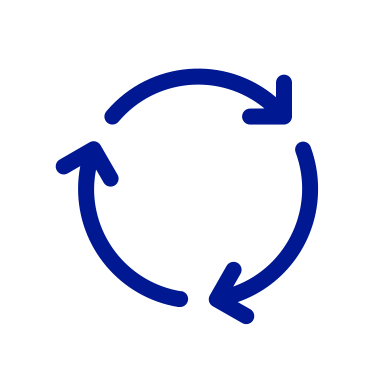
* **Nonprovisional** Method and system for artificial Intelligence assisted Content Lifecycle Management
* **Nonprovisional:** Method and system for automating support services
* **Nonprovisional:** Method and system for sentiment analysis of natural language inputs
* **Nonprovisional:** Method and system for classifying support service issues using machine learning
* **Nonprovisional:** Method and system of classifying human utterance for clarity
* **Nonprovisional:** System and method of measuring the clarity of human utterance using machine learning method of meta tagging human utterance to classification using artificial intelligence
* **Nonprovisional:** Method and system for facilitating qualitative assessment of natural language data
* **Nonprovisional:** Systems and methods for capturing sentiments and delivering elevated proactive user experience

Board Positions

* HiveIO – Board Member
* Login International Group – Advisory Board Member
* HOYOS Group – Advisory Board Member
* Guardian Analytics – Advisory Board Member

Languages

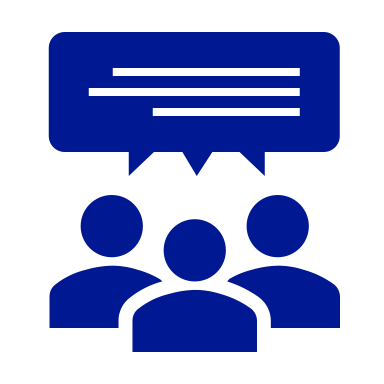
Fluent in English and Spanish

Interests

AI, Quantum Computing, Sustainability, Habitat for Humanity, Kali, Motorcycles, Cross Fit, EV Research, Physics

* Skills

Engineering, Leadership, Fiscal Planning, Risk Management, Communication, Operations, Startup Fundraising, Board Management. Technical expertise includes Development (Java, Python, Node.js, etc.), Platforms (OS X, UNIX/Linux, Windows, Chrome OS, Cisco), Cloud (VMware Horizon/ Enterprise, etc.), Network and Security (Cisco, Juniper, etc.)

Public Speaking Engagements

* PACT 2018, Philadelphia, USA (April 2018)
* Ascend 2018 – Artificial Intelligence Seminar, Kean University, USA (September 2018)
* Himms2018, Lenovo and HiveIO, Las Vegas, USA (2018)
* Healthcare Provider Public Discussion, New York City, USA (September 2015)
* Netherlands Partner Event, HiveIO Inc., Netherlands, USA (September 2015)

Publications

"2019 Datacenter Predictions" (**HiveIO Inc, 2019**), "Machine Learning: Transforming Banking Technology", (**Guardian Analytics Advisor, 2018**), "Edge Computing" (**HiveIO Inc, 2018**), "How to Accelerate Database Workloads in the Cloud" (**HiveIO Inc, 2018**),"Atlantis Computing Acquisition: A Study on Software Defined Storage" (**2017**)