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benjaminjoelkennedy (LinkedIn)

Top Skills

JavaScript

Microsoft Office

Python (Programming Language)

Certifications

Google IT Support Professional
Certificate Specialization

The Bits and Bytes of Computer
Networking

Operating Systems and You:
Becoming a Power User

Learning How to Learn: Powerful
mental tools to help you master
tough subjects

Publications

Beyond Intelligence: The Synthetic
Cognitive Augmentation Network
Using Experts

Ben Kennedy

PhD Candidate | AI Researcher & Developer (SCAN/SCANUE/
STAC) | Empowering Cognition with Advanced AI
Jamestown, North Carolina, United States

Summary

PhD Candidate in Artificial Intelligence and Developer of SCAN & SCANUE, with over a decade of experience in project management across healthcare, laboratory, pharmacology, software development, and EDI projects. Adept at enhancing operations, managing procurement, and improving business processes.

Specializing in Agile and Scrum methodologies to ensure quality assurance and project success, with proven expertise in stakeholder management, resource allocation, and team leadership.

Key Achievements:

- Leading a successful large-scale modernization for 1000+ end clients.
- Managing extensive networking installations, boosting client usage by 60% through uncovering untapped resources.
- Consistently delivering projects 22% faster than the industry average through effective time management, project documentation, and vendor management, utilizing tools such as Microsoft Project.
- Leveraging the Octalysis framework and Visual Basics automation to drive team performance, resulting in a 66% productivity boost.
- Guiding teams through complex EHR/EMR vendor projects as a Subject Matter Expert.
- Achieving a 56% reduction in monthly expenses by implementing innovative inventory management and reallocating savings to key business areas.

Currently, I am focused on advancing human cognition through AI by developing the Synthetic Cognitive Augmentation Network (SCAN) and its web-based extension, SCANUE. These systems simulate prefrontal cortex functions to enhance decision-making, problem-solving, and planning, offering real-time, user-specific cognitive support. By addressing the challenges of evolutionary mismatch—where modern demands exceed the brain's evolved capacities

—SCAN and SCANUE reduce cognitive load, enable seamless human-AI collaboration, and empower individuals and organizations to excel in complex, high-stakes tasks.

Let's connect to explore opportunities in AI development, cognitive science, and innovative project management.

Experience

Highmark Companies

Information Technology Project Manager - EDI EMR Implementation

November 2023 - Present (1 year 10 months)

Burlington, North Carolina, United States

- Accomplish project completion 22% faster than the industry average for a global lab/life science company.
- Employ the Octalysis framework to foster team cohesion and active participation, driving exceptional outcomes.
- Boost productivity by 66% through implementing Visual Basics automation, maximizing the team's high-value contributions.
- Act as a Subject Matter Expert, guiding teams through the complexities of multi-million dollar revenue EHR/EMR vendors.

Zenaixon

Senior IT Project Management, Development & Digital Innovation Consultant

March 2023 - Present (2 years 6 months)

Senior IT Project Manager and Developer

- Spearhead digital transformations across diverse sectors, utilizing Agile and Scrum methodologies to manage complex IT projects with efficiency.
- Drive project success with superior time management and detailed documentation, consistently delivering projects ahead of industry averages.
- Showcase technological dexterity by seamlessly integrating Python, SQL, JavaScript, APIs, and ML development for innovative solutions.
- Pioneer cutting-edge applications and visual/film projects leveraging generative models and emerging frameworks like mixture of experts
- Develop custom OpenAI GPTs with API integrations.

Machine Specialties, Inc.

CNC Tool Specialist & CNC Machinist

August 2023 - November 2023 (4 months)

Whitsett, North Carolina, United States

- **Cost Reduction:** Achieve a 55.56% decrease in tool costs through innovative inventory management, reallocating savings to key business areas. Spearhead a comprehensive initiative to tackle a multi-decade backlog of cutting tools, streamlining inventory management, and significantly enhancing operational productivity and resource allocation.
- **Specialize in Precision Tooling:** Design, fabricate, and maintain high-precision tools and fixtures, contributing to enhanced performance and durability in production processes.
- **Master CNC Machining:** Operate and program CNC machines ranging from 2-axis to 12-axis, expertly producing intricate components for the Aerospace and Satellite Technology industries.
- **Ensure Quality Assurance:** Conduct meticulous Non-Destructive Testing (NDT) and apply Geometric Dimensioning and Tolerancing (GD&T) techniques to ensure the structural integrity and superior quality of machined parts.
- **Excel in Measurement and Verification:** Use micrometers and calipers for precise measurements, ensuring compliance with rigorous engineering specifications.
- **Proficient in CAD and ERP Software:** Utilize Computer-Aided Design (CAD) and Enterprise Resource Planning (ERP) software for efficient CNC programming and operational management.
- **Adhere to International Standards:** Consistently maintain high-quality standards in machining processes and components, adhering to ISO 9001:2015, ISO 13485, and AS9100 guidelines.

Air Force Civilian Service

Cyber Operations Security, Program Analyst (PAQ)

September 2022 - March 2023 (7 months)

Dayton, Ohio, United States

- Drive a large-scale intranet modernization effort for a Directorate of 1000+ end clients, enhancing connectivity and efficiency.
- Manage the physical installation of networking transmission devices and extensive cabling across a 3+ floor corporate building.
- Utilize data analysis to identify untapped resources, resulting in a 60% increase in client usage.

Highmark Companies

Information Technology Project Manager - New Development and Implementation

March 2020 - August 2022 (2 years 6 months)

Burlington, North Carolina

- Accomplish project completion 22% faster than the industry average for a global lab/life science company.
- Employ the Octalysis framework to foster team cohesion and active participation, driving exceptional outcomes.
- Boost productivity by 66% through implementing Visual Basics automation, maximizing the team's high-value contributions.
- Act as a Subject Matter Expert, guiding teams through the complexities of multi-million dollar revenue EHR/EMR vendors.

Solve Inc

Information Technology Specialist

June 2019 - February 2020 (9 months)

Greensboro/Winston-Salem, North Carolina Area

- Ensure applications and systems security for 33 financial institution locations and support enterprise-level hardware and software resources.

The Neuropsychiatric Care Center

Transcranial Magnetic Stimulation (TMS) Technician and Department Developer

January 2018 - May 2019 (1 year 5 months)

Greensboro/Winston-Salem, North Carolina Area

- Coordinate multiple TMS business projects, serving as a trusted resource for providers and patients.
- Implement tailored business solutions to expand and optimize the TMS department.
- Conduct comprehensive psychiatric evaluations and administer precise transcranial magnetic stimulation treatments.
- Oversee the insurance approval process, ensuring timely and seamless patient coverage.

Benjamin Kennedy

Web and Graphic Designer

2012 - May 2019 (7 years)

Greensboro/Winston-Salem, North Carolina Area

- Deliver captivating and user-friendly websites, aligning with clients' unique requirements and brand identity.
- Develop and execute multi-avenue branding, advertising, and marketing campaigns to enhance brand visibility.
- Regulate web management services and provide hardware repair support.

Tri-City Technology, LLC

Co-Owner

2018 - 2018 (less than a year)

Greensboro/Winston-Salem, North Carolina Area

- Conceive customer-centric websites, optimizing for SEO to amplify online visibility.
- Supply comprehensive web management services encompassing content updates, maintenance, and performance enhancement.
- Assemble visually captivating website layouts with strategic keyword integration.
- Conduct hardware repair services, ensuring peak system performance.

Education

Capitol Technology University

Doctor of Philosophy - PhD, Artificial Intelligence · (April 2024 - November 2025)

Western Governors University

Master of Science - MS, Information Technology Management · (January 2020 - November 2021)

Belmont Abbey College

Bachelor's degree, Psychology · (2008 - 2012)