**Armon Vincent** Philadelphia, PA | LinkedIn: linkedin.com/in/avincent/ | Email: armonv@gmail.com

**Chief Technology Officer | AI & Healthcare Technology Leader**

Innovative technology executive with deep expertise in artificial intelligence, software development, and healthcare and life sciences technology solutions. Proven success in leading cross-functional teams, driving product innovation, and scaling technology-driven businesses. Holds multiple patents in AI and data analytics, with extensive experience in NLP, machine learning, and cloud-based applications. Adept at aligning technology strategy with business goals to deliver measurable impact.

**Professional Experience**

**CEO & Founding Partner**

**Custom House, LLC | 2014 – Present | Greater Philadelphia Area**

* Built and led a technology consulting firm specializing in AI, machine learning, and web application development, helping dozens of companies innovate and scale their technology platforms.
* Led AI-driven product development efforts, from ideation to execution, across healthcare and life sciences industries.
* Provided strategic technology leadership to startups and established companies, ensuring alignment of AI initiatives with business objectives.
* Advised on the development and deployment of AI-powered solutions for data analysis, predictive analytics, and patient engagement.

**Chief Innovation Officer**

**Wool Labs | 2009 – 2014 | Wayne, PA**

* Led R&D efforts focused on AI-driven analytics and monetization of social media datasets, resulting in two awarded patents.
* Invented and developed **WebDig**, a pioneering AI-based analytics platform that extracted business intelligence from social media conversations.
* Managed the full product life cycle, from concept through launch, overseeing engineers, data scientists, and analysts.
* Built strategic partnerships with third-party data providers and key industry stakeholders to expand product capabilities.

**Founder & Managing Partner**

**Scientia Digital | 2008 – 2009 | Philadelphia, PA**

* Founded and led a digital technology firm focused on AI-driven search and analytics solutions for social media data.
* Developed advanced methodologies for categorizing and analyzing unstructured data, which became a competitive differentiator.
* Led business strategy, product development, and financial operations, successfully positioning the company for acquisition within its first year.

**Senior Vice President, Technology**

**Backe Communications | 2005 – 2008 | Ardmore, PA**

* Led digital transformation efforts for clients in healthcare and life sciences, implementing AI-driven data processing solutions.
* Managed development and usability teams, aligning digital strategy with business growth initiatives.
* Spearheaded internal infrastructure improvements, including CMS implementation and design/development standards.

**Director, Interactive Services**

**The MCM Group | 2002 – 2006 | Marlton, NJ**

* Managed software and application development for pharmaceutical clients, leveraging proprietary algorithms to drive insights from healthcare data.
* Led cross-functional teams, including technology staff, contract IT resources, and UX/UI designers, ensuring seamless integration of digital solutions.
* Designed and implemented AI-powered data visualization tools for pharma market research applications.

**Patents & Research**

* **US 11,704,957 B2** – AI-based valuation system for currency recognition (2023).
* **US 61/454,474** – NLP-based social media data mining for business intelligence.
* **Relational Comparison of Television & Social Media Sentiment Analysis** – AI-driven evaluation of broadcast media impact.
* **ASCO Award-Winning Research** – Co-authored a pioneering study using NLP to analyze online patient conversations about prostate cancer and active surveillance.

**Education & Certifications**

* BS Multimedia Design, Art Institute, 1999

**Technical Skills & Expertise**

* **Artificial Intelligence & Machine Learning** – NLP, predictive analytics, data mining
* **Healthcare & Life Sciences Technology** – Digital health platforms, patient engagement solutions
* **Software & Product Development** – Agile methodologies, cloud computing, full-stack development
* **Leadership & Strategy** – Technology road mapping, cross-functional team management, business growth strategies

**Speaking Engagements & Thought Leadership**

* Frequent speaker at AI, healthcare, and technology conferences
* Published articles on AI applications in healthcare and life sciences