Biography of Paul Williams

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Paul Williams, IAM, IEM, ACE is the Chief Executive Officer of Clarity Consulting Corporation, a Houston-based business profitability & efficiency optimization consulting firm which places heavy emphasis on effective cyber security across the enterprise. Paul is a nationally recognized authority on the white hat defender side of network security.

Paul is a subject-matter expert in multiple fields of technology, including cyber security, cryptography, artificial intelligence, ultra-high-speed databases, professional software development, software quality test engineering, electronics, communications, mechanical engineering, weapons development and multiple defense related technologies. Paul is certified in the U.S. National Security Agency's InfoSEC Assessment Methodology and InfoSEC Evaluation Methodology.

Before joining Clarity Consulting, Paul was the Chief Technology Officer of Pennsylvania-based White Badger Group, an information security consulting and training firm. Prior to this, Paul was the Chief Technology Officer of Houston-based counter-terrorism and security consulting company International Shield, Inc., the Chief Technology Officer of Gray Hat Research Corporation of Houston, and Chief Technology Officer of defense contractor Galaxy CSI in Washington, D.C. providing cyber security consulting services to the United States intelligence community. Over the years, Paul has earned an unparalleled reputation across the country for his extensive array of effective cyber security defense solutions and for leading and rapidly solving complex cyber-crime investigations through a variety of innovative and proprietary techniques. As a result, Paul has consulted for and provided tactical and strategic security guidance to Fortune 500 businesses and local, state, and federal government agencies.

Paul has experience in the energy sector securing the SCADA/DCS industrial process control equipment of electric utilities and gas transmission facilities. He has performed numerous cyber, physical and social engineering "Red Team" penetration tests for electric power utility process control facilities across the United States on behalf of the Electric Power Research Institute, an electric power industry-funded technology research organization based in Palo Alto, California. Paul is a co-inventor of U.S. Patent No. 9,245,147 for Logic Chain Stateful Activity Whitelist (ChainSAW®) cyber security technology for process control facilities.

Paul is a public speaker who has drawn coverage from radio, television and print media. He has conducted more than 260 cyber-security speaking engagements around the world. Paul has been featured at seminars and conferences held by organizations including the United States Secret Service, U.S. Department of Justice, FBI InfraGard, ACP, ASIS, IIA, ISACA, ISSA, and universities and colleges across the nation.

Paul's passion for computer technology began with his first computer in 1983: a 2K RAM memory Z80 Timex-Sinclair 4-chip microcomputer which he programmed using machine code to solve an astrophysics problem involving the velocity of light. As a result of Paul's special skills in the field of computer security, over the years he has collected a wide assortment of hacking tools, worms, Trojan Horses, and computer viruses for advanced research purposes. He maintains a personal collection of 25,000 computer viruses and 2,000 Trojan Horses for advanced malware research.