



Samuel W. Miller, Sc.D., Ph.D., J.D.

United States of America

Contact Information Samuelwmiller.com
Voice: 904-834-8084
Email: sam@samuelwmiller.com

Experience



*** Aviation Training Partners International Inc.**
CEO/Chairman

August 2018 – Present

Oversee formation of the corporation, released 6 new aircraft designs in the General Aviation market, negotiated new production and support facilities, overseen new training methods for pilots.

- **Husband of Tatyana Miller and all around "Shell Answer Man" on imports**

Tanyushka LLC

January 2015 – Present (3 years 6 months)

Providing physical acquisition of properties and coordinated financial management with JP Morgan Co and Chase Bank. Namely my wife's business Russian Fine Art Inc. where she sells artwork that is in Russia by its masters to private clients.

- **Chairman of the Board**

Mexico Mines Inc

January 2001 – Present (17 years 6 months)

Develop mining of Iron Ore and the production of pellets and briquettes. Oversight of all operations, including the development of new techniques and logistical solutions.

- **Chief Executive Officer and Founder**

Network Hosts Inc

January 1980 – Present (38 years 6 months)

Started with nothing. developed cellular communication networks, internet backbones, fiber channels, and parallel co-processing networks. Entered into fiber-optic cable manufacturing and silica dioxide mining. As business built up, diversified and split the corporations into their own entities that remain self-sufficient. Spun off Network Scrap Metal Corporation and Mexico Mines Inc, plus rescued Tiger Aircraft Corporation and returned it to US investors under a proxy bid.

- **Chairman of the Board of Directors**

Network Scrap Metal Corp

January 1980 – January 2013 (33 years 1 month)

Founder - 33 years as Chairman of the Board and CEO

Built company and lead international trade to well over 12 figures per annum.

- **Principal**

Network Samal Corporation

September 2004 – September 2005 (1 year 1 month)

initial structure corporation for development inside Russia with Finland. Purchased and developed global distribution of scrap metal yards and material to foreign countries. Laid initial foundations for logistical support of material out of Russia, acquired and developed private shipping companies to support delivery of material, established collateral port development with government entities. Merged corporation with Network Scrap Metal Corporation once fully formed, and then split the Russian asset corporations into their own shells.

- **Founder**

Standard Wireless Modem Systems Inc

March 1996 – December 2000 (4 years 10 months)

Created and developed wireless networking technology, including Satcom hyper-emulation. First to demonstrate dumb terminal emulation via satellite and mainframe control of remote emulators. DOD application of cryptographic emulation into missile control systems and flight management systems via satellite.

- **Director of Sales and Marketing - Founder**

Lucent Technologies

December 1986 – January 1990 (3 years 2 months)

Original development team of FlexComm, which became FlexLink and then formed Lucent Technologies with Bell Laboratories. Created and merged Unix and Xenix dissimilar operating systems on SEL/VAX, Gould, Daisy Flower, SGI and IBM mainframes. Merged Auscom and NUMA backplanes for complete integration into the mainframes along with IBM Vector Processors into cohesive processing nodes, then brought in Elexsi Parallel Co-Processors.



Plant and Production Manager, R&D Engineer

Micrologic

March 1984 – April 1986 (2 years 2 months)

Overseen production of Loran C systems, Research and Development of Avionic Loran C and GPS experimentation for both aircraft and marine use.



- **Metrological Consultant**

Rockwell Collins

March 1982 – April 1983 (1 year 2 months)

Provide consulting to develop new non-destructive test techniques and new micro control systems.

- **Metrological Consultant**

McDonnell Douglas Aerospace

March 1982 – April 1983 (1 year 2 months)

Provide consulting on non-destructive test techniques for Department of Defense DCAS

- **Research and Development Engineer**

ITT Gilfillan

February 1980 – April 1982 (2 years 3 months)

Plasma and Interrogation Research for D.O.D. in portable and serpentine radar systems.



- **Research Engineer**

Lockheed Martin

August 1976 – October 1980 (4 years 3 months)

P3C Orion instructor and R&D in antisubmarine warfare attached to Logistics, continued O.S.T. (Office of Science and Technology) from U.S. Navy as civilian



- **Research Engineer**

US Navy

August 1974 – August 1976 (2 years 1 month)

Attached to O.S.T. antisubmarine and submarine warfare, 2500 hr. in P3C Orion R&D in Anti-submarine Warfare and as Flight, Ops and Tacco instructor, R&D in spectral radiance of black bodies. Specialties included applied physics, nuclear control and launch systems, cryptographic communications, computer control systems, MAD, SAD, FLIR, and linear accelerators. Submarine Reactor Control systems, Nuclear Weapon Delivery systems, and obtained specialized submarine operations and diving.

Honors & Awards

- **United States Scholastic Achievement Award**

Presidential Citation

August 1974

Was attending Porterville College while in high school who had me take the GED exam while I was in the 11th grade.. ranked Top 10 in the USA and was promptly dismissed from high school since I had already graduated.

-
- **Computer Science Doctorate**
Office of Science and Technology
February 1980

Was awarded a Computer Science Doctorate from the Office of Science and Technology for advanced computer and telecommunications research and development. Invented the Intra-Globular Environment architecture and asynchronous microwave satcom for computer emulation by removal of layers 4 and 5 from the ISO/OSI structure.

-
- **United States Navy - Scholastic Achievement Award**
US Navy
October 1975

Acquired pilots license and Navy Diver Certifications while attending college courses.

-
- **NAVSUBPERS**
United States Navy – Nuclear
March 1975

United States Navy Submarine and Divers School, Polaris and Poseidon Missile School, Nuclear Power and Propulsion Dynamics, Groton CT and Charleston NC, also P3 Orion research into antisubmarine warfare.

-
- **United States Nuclear Import & Export License**
United States Nuclear Regulatory Commission
March 1978

Import and Export License for control of nuclear materials, part of emergency nuclear response team for United States Department of Energy, Waugh Controls in conjunction with Russia nuclear development and response team, exchange of technological advancements in linear accelerators and particle beam weapons.

Languages

- **English**
Native or bilingual proficiency
- **Russian**
Professional working proficiency
- **Japanese**
Elementary proficiency
- **French**
Elementary proficiency

Computer Languages: Proficient in ALL programming languages including all operating systems with alpha and beta access.

Biometrics

DOB: 08/26/1957
LE: 98 years
Height: 6'2"

Weight: 200

Religion: Christian Unaffiliated, Baptized Roman Catholic, Methodist and Mormon as Melchizedek priest, and Ni-dan in Budoshin Ju-Jitsu

Children: 2 born 2008, 2010

Licenses

Unlimited FCC R&D across all spectrums and Radio Telephone

Part 91 FAA Airman

PADI Nitrox Diver with National Geographic Survey

Nuclear Regulatory Commission Radioactive Materials Broker and Emergency response engineer.