



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

United States of America

International Trade Consultant, Research and Development Scientist in Applied Physics

Current Self Employed International Consultant,

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### CURRENT INTERESTS, RESEARCH AND DEVELOPMENT PROJECTS:

Development of autonomous passenger and cargo carrying drones for transoceanic transport.  
Quantum Transport Applications for electronics and telecommunications

### CURRENT CONSULTING ON INTERNATIONAL TRADE UNDER THIS LIST:

<http://www.networkscrapmetal.com/broker/client.php>

Experience

- **Husband of Tatyana Miller and all around 'Shell Answer Man' on imports**  
Tanyushka LLC  
January 2015 – Present

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.

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- **Principal Consultant**  
Self Employed International Trade Consultant  
January 1980 – Present

Available for consulting

- **Chairman of the Board**  
Mexico Mines Inc  
January 2001 – Present

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.

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- **Chief Executive Officer and Founder**  
Network Hosts Inc  
January 1980 – Present

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.

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- **Chairman of the Board of Directors**

Network Scrap Metal Corp  
Jan 1980 – Jan 2013, Jan 2018 to Present

Founder - Chairman of the Board and CEO  
Built company and lead international trade to well over 12 figures per annum.

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- **Principal**

Network Samal Corporation  
September 2004 – September 2005

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.

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- **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 on Cray, SGI and IBM mainframes. DOD application of cryptographic emulation into missile control systems and flight management systems via satellite.



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- **Director of Sales and Marketing – Founder of Lucent Technologies**

FlexComm Inc. (AKA FlexLink)  
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. Developed four-tran engine accelerators using Sel/Vax. Computer networking design and development for NavSea, NOSC, NSA and CIA, Lockheed Boat, and for NASA designed 13 nodes for the space shuttle computer communication systems.



- **Plant and Production Manager, R&D Engineer**

Micrologic  
March 1984 – April 1986 (2 years 2 months)

Overseen production of Loran C systems while conducting Research and Development of Avionic Loran C and GPS

experimentation for both aircraft and marine use.



**Metrological Consultant**

Electro Rent – Burbank CA

March 1982 – April 1983 (1 year 2 months)

Provide consulting to develop new non-destructive test techniques and new Intel and Motorola microprocessor-based control systems to aerospace corporations. Designed, built and applied In-circuit Developmental Environment (ICE) systems. Purchased and sold test equipment to various NATO countries in technological exchanges. Applied IBM mainframe for corporate infrastructure between ops, labs and administration.



**Metrological Consultant to**

Rockwell Collins

March 1982 – April 1983 (1 year 2 months)

Provide consulting to develop new non-destructive test techniques and new Intel and Motorola microprocessor-based control systems. Designed, built and applied In-circuit Developmental Environment (ICE) systems.



**Metrological Consultant to**

McDonnell Douglas Aerospace

March 1982 – April 1983 (1 year 2 months)

Provide consulting on non-destructive test techniques for Department of Defense DCAS Top Secret projects in both analog and digital spread spectrum data acquisition and analysis.

Gilfillan



• **Research and Development Engineer (GOD)**

ITT Gilfillan

February 1980 – April 1982 (2 years 3 months)

Plasma and Interrogation Research for D.O.D. in portable and serpentine radar systems. Performed GOD function for ITT, working with DCAS in new radar research, assist production and specialty development of new techniques, methods, circuit design, antennae, traveling wave, and metrology. Top Secret clearance specialty FBM (#F\*ing Black Magic).



**Research Engineer**

Lockheed Martin, Sunkworks and Burbank California Co

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 – Top Secret clearance specialty spectral radiance of black bodies, fuel quantitative systems, nuclear weapon and tactical systems, integrations and instructor in applied physics to the DOD



• **Research Engineer**

US Navy

August 1974 – August 1976 (2 years 1 month)

Attached to O.S.T. antisubmarine and submarine warfare, 2500 hrs 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.

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- **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.

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- **United States Navy - Scholastic Achievement Award**

US Navy  
October 1975

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

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- **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.

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- **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**

Elementary 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.