

Cover Page About Dossier of Allen Lau,

Listing Educational, Career & Employments History, Life Experience Skills and Talents

This is only of 70 percent most notable Listed and previously published in records

It must also be noted that all listed was acquired during separate times
during a span of 56 years lifetime.

Dossier, History of Education, Employments and Life Experience Skills,

* Allen Lau, DOB: December , 1959, Born and Raised in New York City, The United States Of America,
3rd Generation Native New York State Resident

EDUCATION HISTORY:

- * Doctorate Of Divinity Degree, 2016, Church and School Of WICCA, Pagan Interfaith Minister and Priest
- * New York City College of Technology: 1979 - 1983,
 - GPA 4.0, Full and Part-Time Student, in-between Employed Internships, Majors:
 - Machine Tool Technology: Engineering Science in Implementations of Industrial Machine Tools, Materials Science Research and Development for Industrial and Scientific Applications, Industrial Manufacturing Production Processes Design.
 - Dental Laboratory Technology: Science of Manufacturing Oral Prosthesis; Dentures, Crowns and Bridges for all phases of Prosthetic Oral Reconstruction
- * Borough of Manhattan Community College, Majors: Music Jazz Guitar and Liberal Arts, 1977
- * Brooklyn Technical High School, Grades 9 - 11, 1973 - 1977,
 - Majors: Chemical Engineering Prep and College Prep Program
- * Henry Street Music School: Classical Music Guitar and Voice Training, Weekends 1975 - 1977
- * Junior High School 65 Annex & Main: Grades 7-8, 1971 - 1972
 - Special Progress Student and Music Program: Alto & Tenor Saxophone,
 - After school programs: Photography & Darkroom Processes workshop, Printshop: Linotype Setting
- * Public School 23, Grades Kindergarten - 6, 1964 - 1970
- * After Public School, Evenings School Programs: Wah-Kue Chinese Language Private School, 1967 - 1970
 - After classes and weekends Music Program: Violin, Trumpet, School Marching Band
- * Other Education: Courses and Specialized Training:
 - * Professional Association of Diving Instructors (PADI), SCUBA School:
 - Certified Open Water SCUBA Diver,
 - Certified Advanced Open Water SCUBA Diver,
 - Certified Advanced Open Water Search and Rescue SCUBA Diver,
 - Certified Medic 1st Aid Technician
 - * New Horizons Computer School: A+ Computer Hardware Service Technician, Advanced Windows OS Administration
 - * College of Staten Island, Cisco Systems Corporation, Computer Networking Academy:
 - Cisco Certified Network Integrity Administrator, (CCNA)
 - * New York University: Computer Spreadsheet and Database Programming
 - * Baruch Business College: Computer Information Systems Technology
 - * Trauma's Professional Motorcycle Riding School

EDUCATION HISTORY, continued:

* New York City Police Academy: 1985, Accredited College Curriculum:

- Social Science Dept.: Introduction Social Psychology, Community Relations for Police Officers
- Police Science Dept.: Introduction to Law Enforcement, Criminal Investigations
- Law Dept.: Introduction to Law, Criminal Law; City/State/Federal, Administrative Codes & Ordinances
- Physical Fitness Education: Foundations of Physical Activity & Physical Training, Defense Tactics,
- Safety Services: American Red Cross Certified Medic 1st Aid, CPR Certified,
- Trained & Certified in Emergency Child Birth Delivery
- Firearms & Tactical Training & Certification
- NYPD Defensive & Evasive Driving School, Driver Safety Certification

* NYPD assignments sponsored training & Other Police Academy Training:

- 911 Computer System Operations School & Citywide Radio Dispatcher School
- NYPD Computer DataCenter & MainFrame Facility Operations,
- MORPHO SUN Micro Systems, Live-Scan Administrator, NYPD & National Finger Prints Identification System Database,
- NYPD System Wide Intranet, Computer Network Administrator for Assigning & Authentications of System wide Access
- Computer Hardware Technician School
- Telecommunications Cabling Technician
- Finger Print Technician
- Emergency Responder Crowd Disorder Control & Riots, Training Program
- Counter Terrorism Training Program
- PR-24 Side-Handle Baton Certified Training
- Advanced Combat Pistol School
- Advanced 9mm Semi-Auto Combat Pistol School
- Public Relations & Speech/Speaking Course
- Emergency Respirators Operation

* U.S. Department of Homeland Security, NYPD Emergency 1st Responders Training Program,

- Trained, Certified & Registered: Emergency 1st Responder. For Emergency Incidents & Terrorist Attacks, involving Nuclear, Biological & Chemical.
- Trained & Certified issued Equipment, Protective Respirators, Hazmat Levels-II & III Protective Suits,
- Decontamination Equipment & Procedures.

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EMPLOYMENT HISTORY and Vocational Skills:

* 2005, Post NYPD Retirement Career:

* Professional Photographer: Journalistic, Documentary & Special Events,

- 35+ years of Extensive Expertise, Photo Composition, Lighting Techniques, Print processing,
- Extensive Expert Experience in all phases of Digital Still & Motion Video Photography,
- Digital WorkStation Systems Hardware & Software, Editing & Processing, Including Adobe Photoshop,
- Film Photography: 8mm/16mm/35mm/120/320, Medium Format Still & Motion Photographic Equipment. Including all phases of Darkroom procedures for Classic Black & White, Color & X-Ray film processing & Print work.

* New York City Police Department:

- Honorably Retired Police Officer, 1985 - 2005, *Pertaining NYPD Resume attached,
- Emergency 1st Responder, September-11-2001, Terrorist Attacks on NY City World Trade Center Twin Towers,
- Decorated: Liberty Medal for Counter Terrorism Security Duty Assignments, Medals for Excellent Police Duty, Meritorious Police Duty, NYPD Department Commendation

College Summer Recess Employments and Internships:

* Martin Dental Studio, Dental Laboratory Technician,

- Making Oral Prosthesis, Dentures, Crowns & Bridges,

* Rockefeller University, Experimental Nuclear Physics Dept.,

- Research Projects Machinist & Prototype Model Maker, by use of Engineering Blue-Prints, Materials Science and Exotic Metal Alloys to build Apparatuses for Nuclear Physics Research Projects

* Foley Precision Optics, Machinist,

- Trained in Specialized Machine Tooling methods for manufacturing Precision Glass Optics,
- Manufacturing Precision Optics; Military Contracts,
- Hand Crafting Refractory Mirrors for Particle Beam Research by BrookHaven National Nuclear Research Laboratory,

* Gibson Machine Manufacturing Company, Machinist,

- Building Business Card Cutting Machinery

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Employment History and Vocational Skills, continued:

- * Graphic Design: USA Magazine, Clerical & Computer Operations Instructor,
 - * MD SASS Investors Services Securities Firm, Electronic SpreadSheet Programming on Office Computers
 - * The Hospital for Special Surgery, BioMechanics Dept., Senior Laboratory Research Technician:
 - BioMechanics, Biomedical Orthopedics Research & Development of Advanced Prosthesis for total Joint Replacements,
 - Research of Musculoskeletal motion in relation to Cartilage and Connective Tissues for Joint Replacements,
 - Materials Science Research & Development,
 - Metallurgical and Materials Analysis by Microscopic/ Nano-Molecular/ Mechanical/ Chemical/ Radiological/ Ultra-Sound,
 - Research Documentary Photographer: Still, High-Speed Motion & X-Ray Photography
 - * Carvel Ice Cream Corp., Chinatown Ice Cream Co., Full-Time: 1977-78 & worked weekends Part-Time other years,
 - Shift Manager, Cake Master & Flavors Mixologist, Staff Trainer, Franchise Store(s) Equipment Repairman,
 - Carvel Ice Cream School Trained in all Manufacturing Production Processes and Business Operations Management
- Other Employments during After School hours, Weekends & School Summer Recess, Part-Time & Full-Time:
- * Summer Camp Counselor Staff: Camp Na-Sho-Pa, Middletown, New York, Summer of 1979,
 - General Cabin Counselor, Instructor: Archery & Riflery Shooting Range, Martial Arts Instructor: Kung-Fu & Karate
 - * General Handyman work, Installations & Repairs, House Painting, Installing Sheet Rock Walls, Tile & Plumbing work
 - * Basement Workshop Recording Studio:
 - Started as Sundays Volunteer for Music Teacher, Thereafter Employed Weekends & Summer Internship,
 - Training as Assistant Audio Studio Recording Engineer & Electronics Cable Maintenance & Service Technician,
 - Cabling & Wiring Facilitations according to demands of Projects and Audio Recording Sessions,
 - Custom Audio Editing and Mixing of Recording Sessions by training in use of Multi-Track Recording Equipment and Electronic Monitoring of Music Recording Sessions as required by Chief Recording Engineer
 - * Tent & Trails Outfitters, Sales Consultant for Specialized Outdoors Survival and Mountaineering Equipment,
 - * United Chambers Trading Co., Sales Consultant for Civilian and Military Surplus Outdoors Survival Equipment,
 - Worked Full-Time during weeks of school recesses and Part-Time weekends, 1975 - 1977
 - * Summer Day Camp Counselor Staff, True Light Lutheran Church, Summers of 1975 & 76
 - * GYM ID Clerk, True Light Lutheran Church, During after High School, evening hours, 1974 - 1975
 - * Local Newspaper Paperboy: Distribution & Sales of Local Chinese Newspapers, Chinatown New York City, 1966 - 1971

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Vocational Skills Experience:

- * 2 School semesters of Typewriter Typing Courses,
- * 6 School semesters of Engineering Mechanical Drafting School; 4 @ Brooklyn Technical H.S. & 2 in College
- * Carpentry & Wood Working Crafting Skills:
 - All Phases of Applications by Hand Tools & by use of Machine Power Tools,
 - Wood Carving & Sculpturing,
 - Cabinetry & Furniture Design & Construction
- * Architectural Construction and pertaining Vocational Skills:
 - Electrical and Telecommunications Conduits Installations,
 - Wood and Metal Wall Studs Framing, Sheet Rock Walls and Wall Panelings Installations, Interior Wall Coatings,
 - Roofing, Exterior Wall Coatings, Sidings Applications and Installations work,
 - Flooring work of all types,
 - Masonry and Concrete work of all types
- * String Musical Instruments Building, Repairing & Reconditioning of:
 - Acoustical Guitars, Solid Body Electric Guitars, Violins
- * Machine Tool Technologist:
 - Mechanical Engineering Research & Prototype Machinist: Designing & Building Prototype & Production Apparatuses, by Applications of Materials Sciences and by utilizations of Conventional & UnConventional Tooling Methods,
 - Designing Implementations for Industrial Manufacturing Production Processes and Industrial Management,
 - Tool & Die Maker, Jig & Fixture Designer & Maker,
 - Finishing & Polishing Technologies
- * All Casting & Mold Making Technologies:
 - Foundary & Casting Technologies; Pattern & Mold Designer & Maker
- * Welding Technologies: Soldering, Brazing, TIG & MIG, Acetylene Gas, Flux Rod, Plasma, TAC, High Frequency Induction
- * Metallurgist: All Phases of Technical Inspections & Nano-Molecular Analysis,
 - Materials Science Research Technologist for Manufacturing and Production Processes
- * Glass Blowing, Crafting & Specialized Machine Tooling Processes
- * Ceramics: Composite Ceramics & Pottery Making
- * Electronics & Electrical:
 - AC/DC Circuits,
 - Computer Hardware Architecture,
 - AC/DC Motors Servicing,
 - Architectural & Residential AC & DC Low Voltage Wiring,
 - Radio Electronics, Antenna & Propagation Design,
 - Printed Circuit Board Design & Manufacturing Processes

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* Skills Acquired by Career/Employments, Educational & Vocational Studies:

- * Computer Systems Integrity & Security: All Phases of Systems Hardware, Software, Network Connectivity & Technical Data Recovery
- * Bar-Tending & Mixology School
- * Coffee Business Management School: Products Evaluation and Purchasing, Services Management and Operations
- * Aviation & Aero Dynamics:
 - Aircraft Frame Designs of Model, Ultra-Light & Sport Aircrafts: Fixed Wing, RotoCraft & Helicopters,
 - UAV Drone Designs,
 - AirShips Systems Designs,
 - AirCraft Power Systems: Conventional Internal Combustion, Electric & Unconventional Electric Systems, Unconventional Stored Gas Systems, Small Turbo Fan & Jet Engine Designs
- * Model Rocketry Design & Construction: Solid Chemical & Liquid Fuel Propulsion Systems Design
- * Alternative Energy Systems Design, Development & Construction:
 - Residential & Commerical Solar Energy Systems,
 - Hydro, Wind, Geo-Themo Systems Design, Non-Conventional Nano Fiber & Energy Storage Technologies
- * Fluid Mechanics, Hydro Dynamics Mechanics
- * Hydraulics Systems & Pneumatic Systems Design
- * Conventional & UnConventional Compound Filtration Systems Designs & Construction
- * GunSmithing & Armorer Service Technican
- * North Western School of Taxidermy, correspondence courses, 1972-73

Outdoors Activities & Other Experienced Skills:

- * Outdoors Survival Equipment Specialist
- * Advanced Pioneering Construction Skills
- * Advanced Training in Outdoors Wilderness Survival in all Environmental Terrains
- * Wild Game Animals Stalking, Hunting & Trapping, Trap Building & Applications by use of Natural & Man Made Materials
- * Salt & Fresh Water Fishing,
- * Boating, Canoeing, Sea Kayaking
- * Mountaineering Skills: Trained in use of all Equipment Hardware & Tools, Rock Climbing, Belaying & Repelling
- * Gardening & Landscaping
- * Horseback Riding: English & Western Style
- * Intermediate Apline Skier & Ice Skater
- * Motorcycle Riding: Advanced Motorcycle Riding School trained, 1994
- * Certified Advanced Open Water, Search & Rescue Scuba Diver and Certified Medic 1st Aid Technician

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Other Life Skills, Talents & Schooling:

- * Professional Photographer: 35+ Years Experience in All Phases Conventional Film & Digital Photography
- * Gourmet Chef & Cooking: Asian, American & European Cuisines, Italian, PanAsian Fusion, Chinese Cantonese & Hunan, Japanese Tempura & Sushi, Spicing & Smoking of Meat products, Baking Breads, Cakes & Pastries, Ice Cream & Ice Cream Cakes making Expert
- * Musical Instruments Studied: Violin, Fife, Bulge, Trumpet, Alto & Tenor Saxophone, Acoustical Steel String, Classical & Electric Guitars
- * Foreign Languages Fluently Spoken: Chinese Dialects; Cantonese, Shanghainese, Toisanese, Mandarin
- * Martial Arts Schooling & Training:
 - Shaolin Praying Mantis Northern & Southern Style Kung-Fu:
 - Studied directly under Shaolin Kung-Fu Master Monk Chiu-Luen, 1971-1975
 - Ancient Chinese & Japanese Weapons Systems: Bo Staff, Tonfa, NunChuckas, Kendo Swordsmanship
 - * Tae Kwon Do, Korean style Karate, Studied Under Grand Master Duk-Sun Son, 1977-79