

LEE FARRETTA

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SENIOR INFORMATION TECHNOLOGY CONSULTANT

Project & Program Management • IT & Security Technology • Full Stack Dev • Cloud-Based Solutions

Multi-talented IT Leader with enterprise experience working for a global telecommunications giant. Possess extensive experience improving the infrastructure of UNIX, Linux and Windows server systems by minimizing downtime, increasing security, and controlling cost. Broad knowledge of multiple technical tools with the expertise to leverage them by creating practical solutions to keep the business competitive.

- ✓ Expanded the AT&T midrange environment **from 10,000 to 100,000 servers** on budget achieving **5 9's**
- ✓ Developed cost-effective in-house tools to meet strict internal audit standards
- ✓ Architected a number of large scale software and system deployments in various environments

CORE COMPETENCIES

Cloud Computing & Design	Systems Architecture & Support	Cross-Functional Collaboration
Full Cycle Project Management	IT Operations Management	Testing & Troubleshooting
Program Management	System Security & Storage	Data Center Environment
Creative Problem-Solving	Enterprise Software Development	Database Administration
Staff Leadership & Mentoring	Networking & Server Administration	Machine Learning

PROFESSIONAL EXPERIENCE

LMM LABS – Alamo, California – 6/2018 to Present

FOUNDER - CEO | RESEARCH AND DEVELOPMENT ORGANIZATION

LMM Labs utilizes state of the art full stack web development, cloud and machine learning techniques to solve problems. The foundation of this effort is the belief that data driven solutions provide the best answers to real world challenges.

Key Accomplishments:

- Launched Company as an early stage startup
- Began R&D efforts in key IT areas: Full Stack Web Development, Deep/Machine Learning, Cyber Security, BlockChain, Algorithmic Trading and Cloud Based Solutions
- Consulting Services are a key focus area

SOCCER4YOUTH – Alamo, California – 1/2016 to Present

CO-FOUNDER | NON-PROFIT CHARITY ORGANIZATION

Started a youth soccer charity to help promote soccer at the local level and to help fund deserving kids and programs. A life-long passion for sports and a desire to give back provided the impetus for this.

Key Accomplishments:

- Recruited a board in mid 2016
- Received section 501(c)(3) approval in early 2017
- Began making donations in mid 2017

AT&T – San Ramon, California – 4/2005 to 10/2015
EXECUTIVE DIRECTOR | ENTERPRISE MID-RANGE COMPUTING SYSTEMS

Guided the AT&T enterprise midrange environment comprised of IBM AIX, HP-UX, SUN Solaris, and Linux servers. Focused on platform Security Governance to align with strict internal audit standards. Oversaw 100,000 servers and an ops budget \$25M. Developed solutions to fortify system integrity, security, and performance while reducing ops budget. Monitored systems hosting the majority the AT&T mission-critical applications.

Key Accomplishments:

- Concurrently reduced ops budget by **> than 50%** while expanding server footprint by **> than 500%**
- Spearheaded the rapid growth of the midrange infrastructure from 10,000 to 100,000 servers
- Addressed strict guidelines for internal audits and budget constraints by developing a User Access Management system and a Security Audit and Compliance Tool to supplement off-the-shelf security apps and to enhance the overall cyber security of the environment

SBC COMMUNICATIONS – San Ramon, California – 7/2000 to 4/2005
EXECUTIVE DIRECTOR & DIRECTOR | MIDRANGE & WINDOWS SERVER ENTERPRISE INFRASTRUCTURE

Fronted support of the SBC enterprise midrange infrastructure. Accountable for overseeing a district encompassing 3,000 UNIX servers, 240 FTEs, and an expense budget of approximately \$30M. Managed multiple platforms such as AIX, HP-UX, and Solaris, primarily housed within the IT data centers as well as several distributed systems. Consistently monitored and fortified an infrastructure supporting vital SBC applications on multiple levels including LD, WINDS, CCTP, Broadband (DSL), and SBC Online Services. Enhanced systems integrity and performance by minimizing outages and increasing productivity.

Key Accomplishments:

- Consistently met the challenge of improving infrastructure availability in a dynamic rapidly growing environment, achieving five 9's by adhering to best practices and developing well-defined standardization.
- Stabilized server availability and brought monthly outage minutes down to less than 1,000 by reducing incidents to approximately 10 per month.
- Key player in the ITO Service Delivery Improvement (SDI) initiative as well as a participant in the smooth transition of the Windows NT server from Desktop Services to Data Center Operations (DCO).
- Contributed to the gradual merger of SBC with Pacific Bell systems through cross-functional team building and collaboration exercises to pool expertise and knowledge, facilitating a steady integration.

ADDITIONAL EXPERIENCE

LEAD PRINCIPAL TECHNICAL ARCHITECT, SBC COMMUNICATIONS, 7/1997 to 7/2000

DIRECTOR, PACIFIC BELL, 2/1995 to 6/1997

PRODUCT PLANNING & DESIGN LEAD, PACIFIC GAS & ELECTRIC COMPANY, 1/1992 to 1/1995

CLIENT SERVICES ANALYST, PACIFIC GAS & ELECTRIC COMPANY, 6/1990 to 1/1992

PROGRAMMER | INSTRUCTIONAL CONSULTANT, SAN FRANCISCO STATE UNIVERSITY, 6/1986 to 6/1990

EDUCATION

Master of Science in Telecommunications Management (with Honors)

GOLDEN GATE UNIVERSITY, San Francisco, California

Master of Science in Business Information & Computing Systems (with Honors)

SAN FRANCISCO STATE UNIVERSITY, San Francisco, California

Bachelor of Arts in Government

POMONA COLLEGE, Claremont, California

TECHNICAL PROFICIENCIES

- Full Stack Web Development
- HTML
- CSS
- Java Script
- Python
- PostgreSQL
- Bootstrap
- Apache
- Knockout
- AJAX
- WordPress.org
- Flask
- Django
- AWS
- Google Cloud Services
- HostGator
- BlueHost
- Blockchain/Crypto
- Deep/Machine Learning
- Linux/UNIX
- Windows Server
- TCP/IP

CERTIFICATIONS AND ONLINE EDUCATION

Machine Learning – Stanford 2020

Mathematics for Machine Learning – Imperial College London 2018

Full Stack Web Development Nanodegree – Udacity 2017

Intro to Programming Nanodegree – Udacity 2016

Advanced Computer Security Certificate – Stanford 2013

Software Security Certificate – Stanford 2013

(This is just a few my online certificates.)