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COVID-19 Test NEGATIVE! via Stanford Medical School June 15 2020
Pfizer Vaccinated (2nd dose) March 10 2021 Levi Stadium, Santa Clara, Ca.
Pfizer Booster Vaccine Stanford Medical School September 14, 2021
Flu Vaccine Stanford Medical School September 24, 2021 -
COVID-19 Test NEGATIVE! via Stanford Medical School August 4 2021
COVID-19 Test NEGATIVE! via Stanford Medical School October 27 2021
COVID-19 Test NEGATIVE! via Stanford Medical School December 10, 2021

Preferences:

remote, part time, contract, *maybe* full time

Certificates

- CERTIFICATE: **SAFE SERVE FOOD HANDLING**/Food Management Certification 2005 Mission College http://www.hospitalitytrainingonline.com/servsafe_safe_serve_test_exam.htm
- CERTIFICATE: N.I.H-Smith College: Northampton Mass: *Molecular biology, Biochemistry & Bioinformatics 2000. Renewal 20120 (Summer)* <https://www.neb.com/promoting-science-education/molecular-biology-summer-workshops>
- Lisp-Scheme programming M.I.T. Summer 1991

Certificates of attendance

- **July 21, 2021** - *The Importance of FGFR as a Biomarker in Bladder Cancer:* https://event.on24.com/UtilApp/certificate?xml=https%3A%2F%2Fevent.on24.com%2Fcustom%2Fclient%2FceCertificate.jsp%3Feventid%3D3181916%26sessionid%3D1%26key%3D5BB44183E2A06A24B4B28D74D641285E%26displayElementId%3D145511290%26includecoviewers%3Dfalse%26surveydates%3Dfalse%26eventuserid%3D453807106&xsl=https%3A%2F%2Fwcc.on24.com%2Fevent%2F31%2F81%2F91%2F6%2Ft%2F1%2Fdocuments%2Fcewidget%2Fcewidget1595968292055.xml&pdfilename=certificate_89785861&forcedownload=false&allowededitcontent=false
- **July 21 2021** - *Benchtop NMR Solutions throughout the Foodchain:* <https://view6.workcast.net/ControlUsher.aspx?cpak=3749912517868109&pak=3176311118456479>

PACE CEU Credits

- **LabRoots:** July 20, 2021- *Bacterial Mitigation Strategies, the FDA Guidance & Implications for Blood Centers and Transfusion Service - speaker* Baia Lasky: <https://view6.workcast.net/ControlUsher.aspx?cpak=3749912517868109&pak=3176311118456479>
- **LabRoots** *One Academic Medical Center's Experience with the Unyvero Multiplex Platform for Testing Bronchoalveolar Lavage Fluids: Analytical and Clinical Assessment.* - Drs. James Hoffman & Wes Snyder
- **LabRoots:** June 16 2021 *Implementation of a High-Throughput Wastewater SARS-CoV-2 Detection Method: Providing Actionable Data to your County or Campus.* Smruthi Karthikeyan, PhD.
- **Veranome BioSystems:** Webinar Series: *Highly Multiplexed Analysis of Mouse Neural Tissuesb*
- **LabRoots:** JUL 15, 2021 *Veranome Webinar Series: Highly Multiplexed Analysis of Mouse Neural Tissues.*
- **LabRoots:** June 29, 2021 *HbA1c: The Hidden Factors - Biological Interferences.* John Higgins/David B. Sacks
- **LabRoots:** June 15, 2021 *Single cell & label free binding affinity: applications with Genentech.* Elaine Mai MS & Shijie Wu PhD

Education Interrupted due to divorce & consequential money problems! :

Accepted Harvard Medical School HMX Program. **Deferred till Sept 2021.**

Deanza College (Sept.) Finishing Chemistry Major (using credits from other universities & online courses)
with 6 years experience Colloidal & Surface Chemistry & 7 years with Clinical Dialysis, Phlebotomy, Unit

Clerk and Veterinary research experience! (different resume; just ask!)

- **MedHack 2019** (Sept 27 - 29) John Hopkins University Baltimore Md. Hackathon (Accepted + Grant) <https://medhacks.io/>
TensorFlow, Python & R programming
- **3rd Place Hacking for Neurons 2017 Stanford University Medical School, Ca**
TensorFlow, Python & R programming
- **Scholarship: Hacker DoJo** (3-Months starting Jan 19th 2016)

Cloud Admin Training in lieu of certifications:

- GCP, IBM
- AWS
 - accepted into Udacity AWS Scholarship program: AWS and Nanotechnology
- Intel Cloud DevTools
- Node.js MasterClass: <https://purple.thinkific.com/courses/the-nodejs-master-class>
- Juniper Network Training:

Ongoing Projects: Grant-based and out of pocket (OOP!) projects

Epidemiological Database: framework, robotics and monitoring system (started 2018 ...recently received financial help!)

Use of drones and enhanced UAV's with advanced boards (*flow cytometry, blood analysis, etc*) for

- remote Medical/patient/data recovery (*eventually sample recovery*)
- Air/Water pollution & pollutants monitoring and analysis
- GIS mapping of data: lakes, areas, pollution levels over time, etc. in conjunction with Wolfram alpha and python
- Multi-cloud monitoring & analysis with Edge computing

This is an on-going project I've started since 2018 financed mostly OOP (out of pocket), and "discoveries" found in dumpsters, re-engineered for the project.

- **Patent Research/Discovery:**
- **Artificial Photosynthetic skins** (*based on my work with resins/latexes and colloidal chemistry*)
- **embedded systems development** (ARM, Intel, STMicroelectronics)

Work History:

Freelance development, programming & Support

Freelance: 11/2019 - current

Installation, configuring and networking of Mac OS, Linux Ubuntu and Dell Windows 10 desktop & servers: Support of developers for intel to M1 migration. OpenVino Support, NginX, V GCP Cloud, Mac OS X / BigSur and embedded systems support (STMicroelectronics). Migrations of Mac(intel) environments to M1. Rosetta. Modifying development environments on Mac. Development on MBED /STM with OpenVINO and tinyML.

MacBook Pro installations (Intel) and rescues from Catalina malfunctions. Tutorials on running code on M1 chips, library upgrades. Rosetta.

Dell Server/Workstation install/configuration for Windows 7->10 migrations or Window 10 fresh installs. Office 365 support. iDRAC servers installations Dell Migration Tool(s).

October 4/2020 - current

Frank Vuong Networking Solutions 1400 Pine St San Francisco

On-Call/ On-site IT Support , Desktop and server install and configuration. Desktop and Data Center Moves/ Reconnects, Network reconfiguration and general technical Support. Working with development engineers to reconstruct and reconfigured lab: scripts deployments, networking, DNS/DNSsec, Linux, Mac OS X, Mac OS 11.1 and Oracle Instances.

Windows 7, Windows Server, Windows 10, Linux - Ubuntu, Centos, Oracle Linux

VCenter/ESXi

Windows 7 to 10 Upgrade; Dell Migration (Dell Migration/Dell Migration Tool + in-house development scripts), deployed on all client workstations and laptops, backup and restore of customer data. Hardware modifications before release to customer (*SSDRAM, internal HD, Virtual instances. Migration to Dell 3020 & 2080 systems*).

John Meyer Technical Business Solutions Mount Laurel, New Jersey January 29th (Ongoing)

On-Call/On-site IT Support

PC moves, connects, OS installation and upgrades.

Windows7, Windows10 installs, upgrades from Windows7; deployments, CentOSv7 & Red Hat Linux

Install/configure of Dell OptiPlex 7050 Desktops to clients.

Data Center support: VCenter/ESXi 6.5 and PXE Boot for deployment of Windows 10

Executed to customer's satisfaction. Quit simply because he never paid for the work!

Freelance Mac OS, mac OS, Google Cloud, Ubuntu and Windows 10-11 Support.

Formerly operating a SW/ HW, Bioinformatics and IoT development lab at the corner of Santa Cruz Ave & Doyle St in Menlo Park, Ca. (**That's right! Right outside on the street! No mortar, No Brick Just desk, monitor, laptop, code and tools!**)

Now operating out of home-office in Redwood Shores, since job losses at Stanford Medical et al due to Covid-19 lockdown.

October, 2020 - Jan 2021

American College of Surgeons Conference: [Surgical Metrics Project](#) Stanford Medical School. Moscone Convention Center Oct 01 - Nov. 31 2019.

- Experiments in wearable technology & surgery. Wiring surgeons up and recording voice, EEG; video & sensor data of hand-finger surgical motions, under timed conditions while they repair enterotomies. Windows 10 and sensors!
- Project: details: <http://med.stanford.edu/news/all-news/2019/12/tracking-the-movements--minds-of-surgeons-to-improve-performance.html>
- CBS news coverage: <https://sanfrancisco.cbslocal.com/video/4213329-surgeons-test-new-wearable-tech-to-improve-operating-skills/>

Programming:

Anaconda Python 3.7.0,

ana/R, zsh/bash shell

DevOPS:

Google Cloud Engineering

Basic Tools:

Docker/Kubernetes, zsh, Bash, Emacs

GitHub

User Research International: Redmond, Wa (11/2016 - 2019) Contract Software Testing

- Software Testing, testing and Evaluation - Contract

Google User Research Mountain View, Ca: (1/2017 - 4/2019) Contract Software Testing

- Software Testing, Analysis and Evaluation - Contract

Apple, Inc 1 Infinite Loop Cupertino, Ca Contractor:April – September 2007

- *Mac OSX (ICTU&D) on Xserves (2000-3000) with Nagios 3.0 monitoring of network traffic*
- *Backups/Recovery and Migration of servers. Liason to AT&T on connections & trouble-calls.*
- *Installation of Solaris 10 on IBM BladeServers & System X farm*
- *Monitoring Apple networks from data center: Heavy use of Mac OSX Tools: Remote Desktop 3, Apple*

See LinkedIn resume for further background in Chemistry, Molecular Biology, and Computers

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