

*Education:*

*B.A. : Geography, (GPS programing) California State University Northridge*

*M.Ed.: Secondary S.T.E.M., University of Southern California*

*Technical Skills:*

- *Expert in Java, Python, Swift(with the X-code platform), HTML5, CSS3 and C# (Made it to google Onsite SWE Interview and Hiring Committee first attempt, but fell short. June 2021)*
- *Proficient in C++, JSON, XML, API Development.*
- *Proficient in all Adobe products*
- *Proficient, expert, in video editing software such as Premiere Pro and Final Cut Pro*
- *Expert in Windows Server 20008 R2 – 2019*
- *Expert in Support for Mac OS, iOS and all Windows desktop editions*
- *Proficient in network architecture.*
- *Proficient with AWS, Oracle and advancing with SQL.*

**PROFESSIONAL EXPERIENCE:**

*Beverly Hills Tech: Network support, Installation and Software Development*

August 2014 - Present

Beverly Hills, CA

**Owner: Senior IT Support, Software Engineering**

- *Oversee maintenance and support of company data for many prominent doctors the Beverly Hills area.*
- *Server maintenance and client deployment, including batch scripts and SQL maintenance.*
- *Coded, as needed in various languages, for client software to make work seamless and server data transmission faster. Specifically, Swift, Java, JavaScript, and Python.*
- *Development of API's using PHP, CSS, HTML5 and XML. Started to deep dive into JSON and AJAX.*
- *Maintained HIPPA Standards and practices and made sure offices abided by OSHA standards.*
- *Creation of technical documents including trainings on company software, hardware and remote access.*
- *Development of technology strategies involving SEO and social media marketing for higher customer volume.*
- *Oversight of web and email data.*
- *Migration of data as offices expanded to absorb client data.*
- *Oversaw Installation of all hardware in collaboration with design teams from dental to surgical.*

*Sierra Canyon School*

August 2019 - Present

Chatsworth, CA

**Director of Educational Tech | Comp Sci Director(PreK - 12)**

**E-Sports Coach**

- *In the process of redeveloping the computer science curriculum to address the schools desire, 7-12*
- *Teach all the AP Computer Science courses as well as the post AP Courses which go into more defined data structures, SQL, network development and Robotics.*
- *In one year have increased enrolment in CS courses by 250% in less than a year*
- *Provide seminars, funds for conferences and one on one training with teachers on topics such as classroom technology, apps for the classrooms, and beta testing.*
- *As member of Stewardship, I work alongside chairs throughout the school in choosing new classes, setting standards and deciding school events.*
- *I write the curriculum for every program as the K-12 director, from simple HTML to the AP to post AP Curriculum.*
- *Coach of the inaugural E-Sports team which competes in multiple games in a custom gaming room.*
- *AP CSP pass rate of 91% (29/32 students), up from 49% prior year.*

*Milken Community School*

August 2016 - 2019

Los Angeles, CA

**Computer Science Sub Chair | Teacher**

**Girls JV, Boys Varsity Volleyball Coach**

- *In the process of redeveloping the computer science curriculum to address the schools desire.*
- *Instructed 5 sections Computer Science classes(only 2 offered in 2015-2016), including the AP Computer Science course and developing the curriculum for the new AP Computer Science Principles course.*
- *Taught the courses of Intro to Programming, Honors Programming, Engineering and the AP Computer Science Courses.*
- *Increased enrollment in CS electives, which went from 40 students in 2016-17 to over 70 in 2017-2018 to over 100 for the 2019 school year.*
- *Increased AP Computer Science pass rates by 45%*
- *Mentored students in the advisory program and led and attended outdoor education and college visit trips.*
- *Director of the Cyber Patriots club and a technical advisor for the FIRST Robotics team.*
- *Girls JV and Boys Varsity Volleyball Coach.*

*La Jolla Country Day School*

June 2014 – June 2016

San Diego, CA

**Assistant Principal | Dean of Academic Technology (9-12)**

- Serve on the Upper School Senior Administrative Team.
- Coordinate increased usage of technology where it was severely lacking both in and out of the classroom.
- Act as liaison for the technology department and mending a previously tense environment.
- Chair of the Technology Committee which developed a 3-year strategic plan for school wide growth amongst all divisions reporting directly to the Board of Trustees.
- Academic Council member for the upper school.
- Developed the mandatory BYOD program for incoming freshman.
- Lead professional growth sessions for teachers and students alike on proper use and exploration of technology.
- Leader for Title 2 funds regarding distribution of professional development funds for faculty schoolwide.
- Technical advisor for current FabLab Center of Excellence.
- Administrator of the Atlas Rubicon system for curriculum mapping and was a member of the Upper School support team to implement this campus wide.

**Computer Science Chair | Middle School Math**

- Redeveloped the computer science curriculum from 0 offered courses to 4 UC approved offered courses
- Instructed 4 Computer Science classes and MS Algebra 1, including the AP C.S. course with 90% AP pass rate.
- Taught the courses of Intro to Programming, Mobile Application Development, Video Game Creation and the AP Computer Science course.
- Increased enrollment in CS electives, which went from 11 students in 2014-15 to over 60 in 2015-2016.
- Worked with other department chairs to integrate technology into other courses such as Math and English.
- Associate taught the Linear algebra course with C++ programming for their yearlong programming project.
- Mentored students in the advisory program and led and attended outdoor education and college visit trips.
- Co-club director of the Cyber Patriots club and technical advisor for the FIRST Robotics team.

*The Buckley School*

June 2010 – 2014

Sherman Oaks, CA

**Director of Educational Technology (K-12)**

- Helped staff evaluate software for each department.
- Introduced new hardware and techniques and identify areas where technology may help improve in the instruction of material.
- Served on the design board for two new state of the art buildings, including developing designs for all classrooms and working with the Science chair to design the Robotics Room and working with consultants to develop State Of The Art Fab Lab.
- Served on the curriculum committee.
- Provided support for Upper and Lower school Librarians in terms of Sagebrush, Follett and standard eBook distribution as well as catalogue training.
- Served on Strategic Academic Team consisting of the heads of school and directors of each division making school wide decisions regarding professional development, scheduling, multiculturalism and inclusion and school essential technology.
- Investigated and created a strategic plan to bring Whipple Hill (MyBuckley) to Buckley.

**Computer Science Dept. Chair/Teacher | Volleyball Coach (6-12)**

- Instructed 4 Computer Science classes, including the AP Computer Science course.
- Served as the head of 4 in my department from K-12.
- Redeveloped the computer science curriculum school wide.
- Held monthly meetings with my staff keeping them informed of anything involving our department, tech issues, professional development and union related topics.
- Received UC approval for Video Game Creation, first school to do so in the San Fernando Valley.
- Head of the women's Volleyball program.
  - Responsible for scheduling, transportation, fee payment, hiring coaches and running practices.

*St. Monica Catholic High School*

June 2007 – 2011

Santa Monica, CA

**Director of Technology**

- Responsible for the maintenance of the school's infrastructure, including LAN/WAN maintenance.
- Responsible for technology budget and annual federal audit of software and equipment.
- Administrator of VOIP, First Class and Exchange support and Windows Server 2003.
- Black Baud and Net Community Administrator
- Administrator of Anti-virus and Internet filtering.
- Provided support for school Librarians in terms of Sagebrush, including hardware support, software rollouts, Sagebrush importing and exporting of records and implanting digital cataloging.

- Provided A/V support.
- Responsible for website upkeep and maintenance.
- Provided tech support for 570 students and 80+ faculty members.
- Provided support to the Alumni and Presidents office for Fundraisers, events, and online-cataloguing.

**Computer Science Dept. Chair | Math Teacher | Volleyball coach**

- Resurrected the AP computer Science class.
- Created the Broadcast Journalism class to double the courses offered in the department.
- Developed and instructed the course of Multimedia, Web Design, and Digital Photography.
- Taught Algebra 2 for consecutive summers, Geometry and Algebra 1 and Honors Algebra 1 during the school year.
- Head of the men's volleyball program.
- Responsible for scheduling, transportation, fee payment, hiring coaches and running practices.

**Professional Development**

- Annual CUE Conference Attendee, *March 2011-2017*
- WASC Observer 2012 and 2016
- AP Computer Science Reader – *2012-2016*
- AP Computer Science Principals Reader - *2017*
- CUE Presenter, “*Technology in the Classroom and Room For Improvement*”, *March 2013, 2017*
- Annual ISTE Conference Attendee, *June 2012 – 2017*
- CAIS Attendee, *March 2011-2014*
- CAIS Presenter, “*Technology of Tomorrow to Enhance Today's Teaching*”, *March 2013*
- People of Color Conference Attendee, *December 2014, December 2017*
- OESIS Presenter, “*Spatial Story Boarding Using Advanced Gaming Design*” and “*Innovative Language & Advanced App Development*”, *February 2016*

**References:**

Upon request