

Mike Rodriguez

CTE Teacher/Educator, IT Professional, Producer, and Project Manager

City: Salinas, CA

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WORK EXPERIENCE

eDynamicLearning — Course SME Writer and Editor

2018-Present

I currently write and edit for eDynamicLearning as a Subject Matter Expert in Programming, Computer Science, and Game Design. I've written multiple courses on game design and programming, and have edited many others. I've also presented as a keynote speaker and panelist in the eDL Virtual Summit in both 2020 and 2021.

Alisal High School (SUHSD) — Career and Technical Education Teacher (CTE), *Computer Science and Game Design*

2019-2020

Full time Computer Science and Game Design Teacher during the Summer of 2019 and the 2019-2020 school year.

Millennium Charter High School (MCOE) — Career and Technical Education Teacher (CTE), *Game Design and Media Production*

2017-2019

I am currently a full-time CTE Certified Teacher for Millennium Charter High School. I work teaching Game Design and Media Production including introductory courses and in-depth, daily, 4-hour courses.

The Taylor Farms Center for Learning (Future Citizens Foundation) — Career and Technical Education Instructor (CTE), *Game Design and Coding & Advisory Committee Member*

2018-2019

I am currently a Game Design and Coding Instructor for Elementary through High School aged students. Workshops offered include Intro to 2D Game Design, Intro to 3D Game Design, HTML/CSS Coding, Web Page Design, Python Programming, and more.

The Media Center for Art, Education & Technology (MCAET, MCOE) — *Game Design and Integration Instructor and Consultant*

2016-2018

Developing a course around CTE curriculum pathways utilizing software such as GameSalad, GameMaker Studio 2, Unreal Engine, and Unity.

SKILLS / CERTIFICATIONS

CTE Certified Teacher

- Arts, Media, and Entertainment
- Information and Communication Technologies
- Business and Finance
- Marketing, Sales, and Services

Certified Substitute Teacher

Certified Paraprofessional

Windows, MacOS, and ChromeOS Hardware and Software Support and Development

Photography and Photo Editing (Digital Design and Photo)

Videography and Video/Audio Production

Web Design and Programming

Game Design and Integration

Social Media Marketing and Optimization

Search Engine Optimization and Business Placement

Languages

English (Primary)

Spanish (Secondary)

Previously taught students at the MCAET Digital Media Lab and in the Mobile Digital Media Studio at the Bay School of San Francisco. Taught Computer Literacy and Excel classes in Spanish at Alba Farms in Salinas. Substitute/on-call Video Production Instructor.

Loaves, Fishes, and Computers (LFC) — Refurbishment and Workshop Instructor

2018

Taught a Chromebook refurbishment class at LFC to low-income families. Taught in English and Spanish. Opportunity allows all participants to take home a free Chromebook after the lesson.

Oasis Charter Public School — Custodian

2016

Worked as the evening Custodian for Oasis Charter Public School. Work included general maintenance, furniture building, installations, and repairs. Daily duties also included heavy cleaning using industrial chemicals, solvents, and equipment. (ex. Floor buffers, mounted vacuums, etc.)

Carmel Unified School District (CUSD) — Computer Technician

2014

Was in charge of supporting multiple school sites hardware, software, and networking. Deployed and supported student Chromebooks in a 1:1 student to laptop ratio district.

Monterey Peninsula Unified School District (MPUSD) — Computer Lab Technician, Webmaster, LAN and Hardware Support Technician, Reconfiguration and Logistics Specialist

2010 - 2014

Ran the Computer Lab at Del Rey Woods Elementary. Designed and ran after-school programs for students, staff, and even parents based on Common Core Standards. Implemented technology classes, including game design with code.org for grades K-5. Worked with tech inventory systems. Supported hardware, software, and networking components at the school site. Developed and maintained websites across multiple school sites. Trained teachers and staff. Designed and programmed electronic LED signage. Worked on the Technology Planning Committee.

Alisal Union School District (AUSD) — Educational Computer Technician, II

2007 - 2010

Supported students and staff with hardware, software, and networking issues. Taught video production and basic computer classes to students over summer sessions and during the school year. Assisted in creating a weekly morning news show (starring students) that was broadcast over

the school's cable system so every class could watch it live. Was in charge of Dr. Martin Luther King, Jr. Academy, Fremont Elementary School, and Creekside Elementary School. Assisted in developing and planning for their new Technology Use Plan for future years and school funding.

EDUCATION

UC Berkeley, Berkeley, CA - CTE Certification, Preliminary Teaching Credential

2018

I currently hold my 3-year preliminary CTE Certification and am in the process of obtaining permanent **CTE Certification** for the following 4 subjects: **Arts, Media, and Entertainment; Information and Communication Technologies; Business and Finance; and Marketing, Sales, and Services.**

Hartnell College, Salinas, CA — General Ed., *Paraprofessional Certification (via MPUSD)*

2007

General Education Classes. Gained Paraprofessional Certification at MPUSD.

Mission Trails Regional Occupational Center, Salinas, CA

2005 - 2007

Classes: Computer Repair CompTIA A+ Prep., CISCO CCNA (Computer Networking) Prep, Computer Business Applications, Microsoft Specialist Prep., Web Page Design

Alisal High School, Salinas, CA — *High School Diploma*

Class of 2007

CLIENTS

Salinas Valley Pride Celebration — *IT and Online Broadcasting*

Assisted with production and technical aspects of broadcasting the 2021 Connected in Pride 2.0 event. Ran and managed the machines, network, and software during the event and provided technical assistance and support throughout.

Max Fit Sports Nutrition — *Project Manager and IT Specialist*

Designed their web storefront. Managed and updated their network of websites and platforms including Max Fit, Max Fit Meals, Max Fit Blends, and Forbidden Labz on Magento and Shopify. Designed marketing materials, posters, flyers, window clings, signage, logos, etc. Managed

social media and search engine presence across Google, Facebook, Instagram, YouTube, and Twitter. **Developed the Max Fit Meals Android App and iOS App.** Photo and video shoots and production for social media featuring various models, celebrities, and athletes including Sadik Hadzovik, Robert Oberst, Mike Rashid, etc. Was the general project manager for all video and photo shoots and was in charge of contracted employees and sourcing equipment.

Pluralsight (formerly TrainSignal, Inc.) — Contract Writer

Long-term writer for Pluralsight. Over 50 published articles on IT Certification Preparation across various certification platforms like Microsoft, CompTIA, and more.

Space Systems Integration, LLC — Server Administrator and Backend Developer

Worked remotely with SSI to help design and implement a networking solution to allow secure communications and data transfers between a server and client machines. More recently, I started working as remote Server Administrator to handle their server maintenance, upgrades, and other various tasks.

Costa Verde Paper Supply — SEO Specialist

Worked with CVPS to make key changes to their new Magento storefront to help bring in new customers through Search Engine Optimization. Acquired backlinks, partnerships, and customers through both old and new SEO methods, bringing multiple keywords and phrases to #1 on Google and Bing. Managed and designed their Google Adwords Campaigns, **bringing the store up to a quarter-million dollars in sales and earning myself 25% ownership in the company.** (Left in 2013.)

Continued...

Other clients include **Crossfit Hyperactive, Golden Essentials Delivery, Gary Nana's BBQ, TEDxYouth@Monterey, Del Rey Chiropractic, Law Offices of Blanca Zarazua, Demand Media, Associated Content,** and more...

PERSONAL PROJECTS

Virtual Studio

Created a virtual 3D studio in Unreal Engine that integrates the hosts webcam to place them into the scene, video capture devices to display content or other hosts onto virtual screens within the studio, and Twitch interactions that trigger in-studio effects such as dropping coins onto the desk when a viewer donates bits or dropping a model of a submarine

when someone subscribes. Various control methods exist, integrating effects into a StreamDeck, using controllers to pilot a virtual drone camera, pawn switching to different in-studio items like an RC car, and much more.

MikeTheTech.com

Work as a project manager for local businesses and clients. Personal portfolio site and brand. Formerly ran my personal business as AlisalTech.

StreamSavers

An idle-clicker game with heavy gacha/collecting and leveling mechanics that sits in your YouTube or Twitch streams. Viewers can interact with Twitch commands and donations. Available on Steam and Itch.io.

Polygone

Poly-gone is a low-poly, yet highly visual take on the classic Call of Duty "Zombie Modes". Play with up to four friends to fight off endless hordes of zombies on a massive map that you'll need to unlock areas to explore. Available on Itch.io

The Hacker's Toolkit

You're thrust into the dark web and given a limited set of tools to get started by an underground "security" organization called the HTK Group. If you can prove you've got what it takes, you'll earn the right to become a member of the organization, taking on bigger jobs and bigger risks. The game is played on separate desktop applications that mimic real life hacker tools like password crackers and port scanners. Pre-release game with prototype online.

Fullscreen, Inc./YouTube.com

Produced various types of videos for my and my client's channels on YouTube (1,030,000 views as of 1/1/19). My channel was part of the Fullscreen Network and has been 'officially' featured various times. Produced content for the Max Fit Sports Nutrition channel and appeared live on multiple occasions for TimmyTechTV and WiredIn Carmel. I also became independent from Fullscreen, Inc in 2019.

Salinas News

Founded the Salinas News and Monterey News pages and brought it to over 15,500 likes on Facebook through reporting and sharing.

Salinas Radio

Created SalinasRadio.com, set up a streaming server, and gained the usage rights to showcase over 50 local bands before shutting down due to lack of funding. Live stations played online 24/7, local shows were covered and promoted, and musicians were interviewed on the site.

GrungeMedia

My personal design company before founding AlisalTech (and later MikeTheTech). I created websites and projects under the network title of GrungeMedia Productions. Produced a top-down shooter called Pyro's Air Ride that was followed by two sequels. Produced a platformer called Post Warz that was released as a demo. Worked on and produced a popular mod for the commercial title Robot Arena 2, adding hundreds of assets, levels, AI, sounds, scripting, etc. Worked on a C+ adaptation of Dr. Richard S. Wallace's A.L.I.C.E. framework. Created personalities and knowledge as well as implemented immersive features into the program itself. Worked on and released a game to accompany an audio CD for the indie punk band HazMat.

Continued...

Created **AlisalTech - Kids**, a site to categorize and present educational games, resources, and activities. Created **mikes.tips** as a resource and repository for articles and videos focused on tech tips. **Tech Helper** and the **CUSD Tech Helper** were programmed to aid in common IT tasks. The **DRW Auto Loader** was programmed to create an aesthetically-pleasing link repository for student and teacher use.