David Jimenez

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Experience		
	7/24/23 - 12/19/24	Codestack Academy Stockton, CA
	Software Developer - Worked in teams - Microsoft Azure, .NET 8, Microsoft Office, Office 365 - Programming Languages / Markup: C#, Javascript, React, Typescript, HTML5, CSS, Next.JS, Bootstrap, Tailwind, Chakra, - Software expertise: Excel, Microsoft Suites, VS Code, VEX IQ, VEX V5, Unity, GitHub, Figma, APIs in ASP.NET Core EFC, MVC - PC assembly, PC maintenance	
	7/24/18 - Present	Cesar Chavez High School Stockton, CA
	Secondary Teacher - Engineering Design, Additive Manufacturing, Robotics instructor - Advisor for multiple clubs and CTSOs - Manage classrooms of 35 students or more - Advise 180 + students per school year - Aid in and supervise after school activities such as dances and fundraisers - Accompany large classes on field trips to keep order and maintain proper class etiquette - Communicate with parents of various ethnicities and backgrounds in order to ensure higher level student performance - Manage 18 teams of beginner level Additive Manufacturing Techs	
	7/1/'14 - 6/29/'18	Stockton Unified School District Stockton, CA
	Substitute Teacher - Teach grade levels K - 12 & Adult School - Tutor for all subjects: Focus is on pre-algebra, algebra, geometry, and algebra II, trigonometry, calculus, physics - Manage classrooms of 35 students or more - Long term taught (3 month span) as the math and science teacher for the ACT team (formerly Gate program) for 7th and 8th grade at Hazelton Elementary	

School
- Create lesson plans as well as teach grade level content incorporating common core and SBAC grade level comprehension skills
- Aid in and supervise after school activities such as dances and fundraisers
- Accompany large classes on field trips to keep order and maintain proper class etiquette
- Communicate with parents of various ethnicities and backgrounds in order to ensure higher level student performance

04/09/'18 - 06/29/'18   School for Adults
                             Stockton Unified School District
                             Stockton, CA

English Teacher
- Taught content from all 4 years of high school english using Edgenuity and other curriculum in a blended learning environment using direct instruction as well as independent study within the classroom. Community involvement also played a role.
- Curriculum adjustment to fit the needs of students as well as to meet the standards expected by the CCRS (College & Career and Readiness Standards) and CCSS.
- Monthly testing proctor during CASAS testing for funding by the state.

9/21/'15 - 04/26/'17   School for Adults
                             Stockton Unified School District
                             Stockton, CA

ESL Teacher
- Worked collaboratively interdepartmentally to achieve a broad and intricate understanding of the needs of the student body.
- ESL curriculum modification to fit the needs of students. Differentiation used to scaffold students to the standards expected by the CCRS (College & Career and Readiness Standards)
- Monthly testing proctor during CASAS testing for funding by the state.
- Taught teachers how to use their software and electronic hardware to aid their teaching
- Manage classrooms of 35 students or more

	6/15/`07 - 7/31/`07 University of California Riverside Dr. Guillermo Aguilar (Graduate Advisor) Department of Mechanical Engineering A368 Bourns Hall, Riverside, CA 92521 Temporary Researcher ● Create profile tests for a new medical device (AESTHERA PPX Machine). ● In conjunction with profile tests, compare professors computer model with lab profile results. ● Leader of creation of double integrating sphere lab setup. ● Use Excel to store data and Microsoft Office Word to write reports.	
	6/17/`06 – 5/28/`07 Dr. Umar Mohideen (Graduate Advisor) Department of Physics and Astronomy University of California Riverside Riverside CA 92521 Research Assistant II ● Continuation of my research in improving the Atomic Force Microscope (AFM) for Casimir force measurements. ● Built a narrow bandwidth stable wavelength laser for underground nitrogen cooled AFM. ● Data analysis with Origin software 7.0 ● Reports created with Microsoft Office Word and PowerPoint. ● Assist main researchers with their projects. ● Maintain the lab space, repaired instruments, machines, and equipment. ● Learn new lab skills in maintaining lab equipment, and hazardous materials, including learning the instrumentation of AFM.	
Education		
	Codestack Academy Certificate of Completion Full Stack Developer 1000 hours University of California Riverside Bachelor of Science of Applied Mathematics with emphasis in Physics, Minor in Physics San Bernardino Valley College Prerequisites for transfer to Teaching Credentials Teachers College of San Joaquin CTE Credential Engineering	

References		
	Jose Martinez Lopez, Codestack FullStack Dev & Instructor 2911 Transworld Dr, Stockton, CA 95206 jmartinezlopez@sjcoe.net Arthur Cesena, Science Teacher, Robotics Club Lead, Mentor 1525 Pacific Ave, Stockton, CA 95204 (209) 933-7455 Carol S. Hirota, Director, Educational Services, Adult Education 1525 Pacific Ave, Stockton, CA 95204 (209) 933-7455 Jeff Dundas, School for Adults Principal 1525 Pacific Ave, Stockton, CA 95204 (209) 933-7455	
Skills		
	Tutor Mathematics & Physics, Custom PC setup, PC hardware/software, customer service, Microsoft Office (Word, Excel, PowerPoint), Google Docs, data analysis, Origin 7.0, keyword web search, Academic research paper English, large audience experience (performance max ~ 6,000 in audience)	