

Romina Shirazi

My LinkedIn

San Diego, CA USA

SUMMARY

Excellent in analytical and quantitative abilities in team building, communications, organization, strategic planning, with consistently troubleshooting and problem resolution in high-pressure, technical, and academic environments. Efficaciously in planning and conducting academic research in a professional manner for medical, scientific, and technical professionals; research and produce articles and reports for publication.

EDUCATION

- **University of California San Diego** La jolla, CA
Bachelor of Science: Biomedical Engineering 09/2020 – 06/2023
- **Clovis Community College** Clovis, CA
Associate Degree: Biology, Physics, Computer Science, and Math 09/2017 – 05/2020

TECHNICAL STRENGTHS

- **Software:** AutoCAD, 3D CAD, Autodesk Fusion360, Microsoft Office
- **Programming Languages:** MATLAB, Python, C++, R
- **Technical Skills:** Self-starter and problem-solver with excellent communication skills, Mechanical Designs and assembly skills, ability to work effectively in cross-functional teams, detail oriented, technical writing skills, oral and written communication skills, organizational and time management skills
- **Relevant Coursework:** Computer Aided Design (CAD), Introduction to Engineering Graphics and Design, Experimental Techniques, Matlab Programming for Engineering Analysis, Human Anatomy and Physiology, Fluid and Musculoskeletal Biomechanics
- **Leadership Experience:** Tutor and Teaching assistant, Summer program Leader, Transfer E Academic Mentor, Co-president of Engineering Club

EXPERIENCE

- **Department of Bioengineering Bioinformatics** UC San Diego Health
Undergraduate Research Assistant 06/2021 – present
 - Predicting the Outcome of Spine Surgeries using Image Processing and Machine Learning
 - Utilizing the predictive analytic of spinal deformity in order to assist surgeons in surgical approach
 - Identifying patients with the most surgical risk prior to the start of the surgery
- **Vivian Chadkewics DDS** San Diego, CA
Assistant Dental Hygienist 01/2021 – 02/2022
 - Proficient in patient assessment, treatment planning and explanation, executing dental hygiene/periodontal treatment, and scheduling follow-up appointments.
 - Ability to evaluate clinical findings, medical history, and previous dental records, and integrate the information into a plan for excellent dental hygiene.
 - Responsible for training new dental assistants in monitoring, ordering, and stocking hygiene room supplies, managing patient recalls, and disinfecting and arranging work surfaces.
- **Clovis Community College** Clovis, CA
Math/Physics/Chemistry Tutor 08/2018 – 05/2019
 - Met with students regularly to discuss and go over coursework, and homework. I also offered encouragement and support to keep my students motivated and ready to learn.
 - Assisted students in performing complex calculations, and problem-solving skills in physics, math, and chemistry with running some workshops during each semester.
 - Kept and maintained regular and accurate records of tutoring sessions using the appropriate forms in the CCC student Tutoring Center.
- **Malekon Jewellery** Fresno, CA
Jewelry Designer 01/2016 – 05/2017
 - Created the patterns for rings, necklaces, bracelets and other accessories.
 - Skills in molding, shaping, polishing, and soldering precious metals.
 - Experienced in the use computer-aided design technology to build sample pieces and make adjustments.

HONORS AND AWARDS

The Leon S. Peters Honors Program, Clovis Community College	2019–2020
Communication Chair, Alpha Gamma Sigma Honor Society. Clovis Community College, Clovis	2019–2020
Donald J. Burdick Scholarship Award, Alumni Association College. Fresno	2019–2020