

California State University, Fresno Foundation

PROJECT ENGINEER – CENTER FOR ENGINEERING INNOVATION AND DESIGN (CENID)

JOB ANNOUNCEMENT #24-596

POSITION SUMMARY:	<p>Full-time, benefited position with the Lyles College of Engineering through the California State University, Fresno Foundation. California State University, Fresno (Fresno State) is a lead partner in the Fresno-Merced Future of Food Innovation (F3) initiative funded by the U.S. Economic Development Administration’s (EDA) Build Back Better Regional Challenge initiative. The Center for Engineering Innovation and Design (CENID), is being developed as a new public-private partnership at Fresno State to help meet the goals of F3 and serve the manufacturing industry as an R&D and innovation partner. We aspire to help grow and strengthen the ag-tech and manufacturing sectors of the regional economy. We take pride in our ability to turn ideas into reality while being committed to excellence and sustainability.</p> <p>Under the general direction of the Director, the Project Engineer's responsibilities will include delivering high-quality and innovative solutions to our partners and clients. The Project Engineer will also support in the development of operational goals for CENID, develop strategic partnerships with faculty and students at Fresno State to leverage and enhance the abilities of each to serve the needs of CENID’s clients. The position is currently fully funded for at least three years.</p>
ESSENTIAL JOB FUNCTIONS:	<p>Typical duties include, but are not limited to, the following:</p> <ul style="list-style-type: none"> • Lead and be actively involved in all aspects of engineering projects from conception to completion, ensuring all project goals are met or exceeded. • Collaborate with Fresno State faculty and staff, internal and external stakeholders to define project scope, objectives, and deliverables. • Develop project plans, schedules, and budgets, and monitor progress using established benchmarks. • Conduct risk assessments and implement mitigation strategies to ensure project success. • Coordinate with engineering, design, and implementation teams to ensure seamless project execution. • Provide technical expertise and support to project teams as needed. • Prepare and present project updates and project reports to stakeholders. • Assist with supervising student interns and other intermittent student employees on project teams. • Assist with conducting workshops for K12 and college students. • Travel to prospective clients/facilities as needed. • Other related duties as assigned
QUALIFICATIONS & EXPERIENCE:	<p><i>To perform this job successfully, an individual must be able to perform each essential duty satisfactorily. The requirements listed below are representative of the knowledge, skill, and/or ability required. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.</i></p> <p>Required:</p> <ul style="list-style-type: none"> • Bachelor's degree in Mechanical, Manufacturing, or Industrial Engineering, or closely related field. • Must possess a valid driver’s license, vehicle insurance, and reliable method of transportation as travel is required within the Central Valley • Excellent communication and interpersonal skills, a desire to excel in customer service, and a commitment to excellence. • Knowledge and experience using tools such as SolidWorks, Matlab, FEA, CFD • Ability to network and lead design teams.

	<ul style="list-style-type: none"> • Experience integrating technology-driven solutions into existing systems with minimal disruption. • Strong project management skills, including the ability to prioritize and manage multiple tasks simultaneously. • Knowledge of relevant industry standards and regulations. • Proficiency in project management tools and software. • Knowledge of current industrial practices • Ability to apply latest technologies effectively. <p>Preferred:</p> <ul style="list-style-type: none"> • A minimum of three (3) years of industry engineering experience with a proven track record of success in product design • Strong background in areas such as mechatronics, automation, embedded controls • Experience with conventional manufacturing, CNC machining, additive manufacturing • Strong familiarity with agricultural, food processing, and manufacturing industries • Business knowledge • Graduate degree in a technical field
SALARY/BENEFITS:	\$5,000 - \$6,667 per month, depending on qualifications and experience. Benefits include medical, dental, vision, life insurance, 401(k), vacation, sick and holiday pay.
DEADLINE:	Application review begins <u>April 23, 2024</u>. Position will remain open until filled.
TO APPLY:	<p>Please visit the Auxiliary Human Resources page at https://auxiliary.fresnostate.edu/association/hr/employment-opportunities.html for job announcement and application.</p> <p>E-mail completed application & resume to: HRAUX@LISTSERV.csufresno.edu</p>

RESUMES WILL NOT BE ACCEPTED WITHOUT A COMPLETED APPLICATION

California State University, Fresno is a smoke free campus. For more information, please click <http://fresnostate.edu/adminserv/smokefree/index.html>

Employment for this position is by the California State University, Fresno Foundation. This is not a State of California position.

AN AFFIRMATIVE ACTION/EQUAL OPPORTUNITY/ADA EMPLOYER