SYSTEM DESIGN ENGINEER

Posting ID: EM195284F1
Company: SunPower
Position Type: Full-Time
College Major(s): Civil Engineering (CEE), Construction Management (CEM), Mechanical Engineering (ME), Electrical/Computer Engineering (EE/CpE), Computer Science (CS)

Company Website: https://sunpower.dejobs.org/
Work Location: Richmond, CA
Salary: DOE
College Level(s): Alumni

OVERVIEW

Do you want to change the world? We do, too.

The energy market is roughly $4 trillion globally, and solar penetration is less than 1%. But just one hour of sunlight, if harnessed, could power the entire world for a year. We have the opportunity to completely change the way energy is produced, distributed and consumed on a global scale, and we’re looking for talented, committed people to help us drive our growth and achieve our goals.

SunPower is a global solar energy solutions company with a rich heritage of pioneering the best energy technologies in the world. Our solutions are unrivaled in terms of long-term reliability, efficiency and guaranteed performance, and our company is unmatched in terms of global reach and scale. Through design, manufacturing, installation and ongoing maintenance and monitoring, SunPower provides its proprietary, world-record efficient solar technology to residential, commercial and utility customers worldwide.

SunPower is changing the way our world is powered every day with a brilliant, passionate and driven team of more than 7,000 in North America, Europe, Africa, Asia and Australia. In an industry that is reshaping the world’s energy future, there’s no better place to be than SunPower.

We believe that our employees create our brand – with each project, each communication, each task completed and each interaction. Experience is critical to SunPower in regards to not only our customers but also our employees and dealer partners. As such, we strive to hire candidates that are service focused. The experience we would expect the ideal person to deliver is:
Roles and Responsibilities

- Designs a complete and complex framework, system or product. Defines processes for technical platforms, system specifications, input/output and working parameters for hardware and/or software compatibility. Conceives system interfaces and business application prototypes. Identifies, analyzes and resolves system design weaknesses. Influences the shaping of future products by contributing to the framework (architecture) used across multiple products or systems. Provides multi-layered technical expertise for next generation initiatives.
- Applies working knowledge of scientific or engineering concepts.
- Develops technical expertise.
- Applies company policies and procedures to resolve a variety of issues.
- Proficiency in processes specific to job function, as well as processes used by adjacent organizations and functions. Complexity:
  - Works on problems of moderate scope, where analysis of situations or data requires a review of a variety of factors.
  - Exercises judgment within defined procedures and practices to determine appropriate action.
  - Builds productive internal/external working relationships.
  - Solves simple technical problems.
  - Assesses problems and applies insight into root cause.
  - Proposes short-term mitigation and root cause corrective action. Teamwork, Collaboration and Influence:
    - Communicates in a manner that assures understanding.
    - Relates effectively to all types of people, including superiors, peers, and external colleagues.
    - Readily shares information.
    - Seeks ways to enhance team and work group performance.
    - Collaborates within and outside process/area of responsibility.
    - Seeks ways to enhance customer satisfaction.
    - May work occasionally with customer or customer representatives to discuss technical matters. Initiative:
      - Follows established procedures.
      - Work is reviewed at critical checkpoints for technical judgment and overall accuracy.
      - Proactively suggests better approaches, product features or methods of optimization, for assigned projects. Impact and Results Focus:
        - Delivers quality work on time, proactively highlighting and resolving barriers.
        - Applies economic understanding and knowledge of the needs of SunPower’s customers to projects and assignments.

Education and Qualifications

Minimum Education and Experience:
- B.S. degree in Engineering and 2+ years of related experience or M.S. Degree and 0+ years of related experience
How to Apply

Marian Mason | Internship & Career Services Coordinator | coecareer@unlv.edu | https://unlv.edu/engineering/jobs
UNLV, Howard R. Hughes College of Engineering