



Example of Engineer Senior Staff Job Description

Powered by www.VelvetJobs.com

Our growing company is hiring for an engineer senior staff. To join our growing team, please review the list of responsibilities and qualifications.

Responsibilities for engineer senior staff

- Research, explore & prove out new technologies, materials, components and processes for inclusion in future projects
- Drive manufacturing performance to meet and exceed industry benchmarks
- Lead and conduct process, equipment and material development projects with equipment and material suppliers
- Define continuous improvement equipment roadmaps to meet requirements, goals and milestones for new technologies
- Define detailed equipment configuration and set schedule for manufacturing deployment, accounting for technology node requirements, tool/process maturity, and extendibility
- Maintain metrics on equipment cost and performance, and conduct equipment benchmarking exercise
- Identify alternate equipment opportunities for technology advantages, capital and ownership cost reduction and manufacturing synergy, and drive their evaluation and deployment in manufacturing
- Interface with procurement global supplier account managers to ensure technical requirements feed into procurement strategies for suppliers
- Identify opportunities for equipment reuse, assess configurations and modification/refurbish needs
- Train receiving engineers in high volume factories

Qualifications for engineer senior staff

- Demonstrated broad knowledge and proficiency in specialty area, knowledge

- MS or PhD in CS/EE/CE with focus on high level synthesis or synthesis tool algorithms
- BS degree or higher in Computer Science or Engineering
- Eligible for domestic / international travel
- Solid understanding in semiconductor process and PDK