



Client is in the semiconductor industry by developing strategic competencies, innovative technologies and intellectual property; enabling enterprises to be technologically competitive; and cultivating a technology talent pool to inject new knowledge to the industry.

Senior Research Engineer - Advanced Semiconductor Process

Responsibilities:

You will develop the advanced semiconductor processes in the area of lithography, PECVD, wet chemical processes, metallization, ECP and CMP using state-of-the-art equipment and materials for CMOS, Through Silicon Via (TSV) as well as MEMS Technologies. Your responsibilities will include but not be limited to:

- Carrying out module development and improving module performance, sustaining routine operations, equipment upkeep, and mentoring lab assistants
- Defining and establishing flow, procedures for the process modules
- Planning and conducting experiments to fully characterize the process as well as establishing process controls
- Evaluation and selection of new equipment and processes
- Defining roadmaps and developing processes to meet requirements, goals and milestones for R&D projects

Requirements :

- PhD degree in Materials Science, Chemical Engineering and Mechanical Engineering with at least 2 years relevant experience
- Experience in semiconductor fab is preferred

Interested candidates are invited to submit your latest updated resume stating your availability of employment, current, achievements and expected salary to Adrian Collin Png at: adrian@collincrawford.com