



Client is a public-listed company specializing in the design, development, manufacturing and distribution of automated equipment for the semiconductor industry.

SENIOR / PRINCIPAL SOFTWARE DESIGN ENGINEER

Responsibilities:

- Design and develop PC Based control software for automated equipment for the semiconductor industry through the full software development lifecycle.
- Design Server/Client software based on SEMI SECS/GEM standards for these equipments.
- Implement CIP (Continuous Improvement Program) for existing and new products.
- Manage and lead a team of software engineers to deliver superior products.

Requirements:

- Bachelors/Masters degree in Electrical & Electronics Engineering, Computer Science or relevant qualifications.
- At least 8 years' experience in designing and developing control software in Windows (NT, 2K, XP & Vista) environment.
- Good knowledge and hands-on experience in VC++, MFC, .NET and SQL Programming.
- Good knowledge and understanding of Object-Oriented Programming (OOP).
- Good knowledge in developing multi-threaded control software.
- Good knowledge of SEMI SECS/GEM equipment connectivity standard.
- Good knowledge of SDLC (Software Development Life Cycle).
- Experience in using and controlling Servo Motors, Servo/Stepper Motion Controller, Analog Devices and High Speed I/O.
- Have a strong passion for control software design and development and love technical challenges.
- Willing to play multiple roles: manage and lead the team, excellent team player, mentor engineers, do development work as well as constantly look out for new processes to achieve greater efficiencies in developing quality products.
- Can master any new technologies, programming languages or design concept.
- Have strong analytical and problem-solving skills.
- Believe that simplicity is a pre-requisite for reliability products.



- Have good communication skills.

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