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 - Neuroprobe (Post 1)

Responsibilities:

The successful candidate will play a key role in the development of a wireless fully-implantable neuroprobe microsystem. The specific activities will involve:

- **Simulation of tissue-penetration mechanics for various neuroprobe designs**
- **Experimental validation of neuroprobes for mechanical stability**
- **Work with a team of engineers to facilitate integration, assembly and biocompatible packaging of the neuroprobe array as well as its interface with integrated circuits**

Requirements:

- **PhD degree in Mechanical, Electrical or Biomedical Engineering**
- **Practical knowledge of finite element analysis**
- **Understanding of silicon-based microfabrication and packaging**
- **Capability to work in a highly interdisciplinary team of researchers.**

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Website: www.collincrawford.com/

- **Excellent communications skills in oral as well as technical writing**
- **Excellent interpersonal skills and teamwork with strong self-motivation**

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