



BIONIC VISION TECHNOLOGIES

Position Description

Principal Systems Engineer

Bionic Vision Technologies (BVT) is an Australian medical device company that aims to preserve and restore a sense of vision by developing a range of best in class technologies to address degenerative retinal conditions.

BVT is commercialising technologies developed by a consortium of leading Australian universities and research institutes supported initially by Australian Research Council funding, and now by private investors.

We are now expanding our team to accelerate development of our core product, a retinal prosthesis or bionic eye and seek an experienced Systems Engineer.

As Principal Systems Engineer, you will have a unique opportunity to shape the development of the Australian Bionic Eye.

Key responsibilities

- Requirements management
- System architecture
- Drive key multidisciplinary technical decisions
- Manage integration of work from suppliers & partners
- Oversee validation and verification
- Establish Systems Engineering processes & tools
- Be a champion for the patient

Minimum criteria

- Degree in Engineering (Systems, Electrical or Software preferred)
- Experience working as a Systems Engineer
- Deep understanding of systems engineering principles, tools & practices
- Experience with medical devices either within an organisation or through an engineering design house
- Knowledge & practical implementation of ISO13485 Quality System, ISO14971 Risk Management & FDA 21 CFR Part 820 CGMP requirements
- Excellent stakeholder management and communication skills
- Drive for achievement
- Resilient and flexible

Ideal criteria

- Experiencing being lead systems engineer on a significant (>\$10m) product development project
- Experience delivering a class III medical device to market
- Formal qualification in Systems Engineering
- Experience setting up a requirements management system

Location

- Sydney or Melbourne with some travel required
- Position reports to Chief Scientific Officer

How the Bionic Vision Technologies (BVT) Pty Ltd bionic eye works

The BVT developed bionic eye consists of implanted and body worn components. The patient wears glasses with a small video camera mounted on the side. The live feed from the camera is processed and transmitted via an implanted microchip to an electrode array placed in a naturally occurring pocket behind the retina, called the suprachoroidal space. The electrodes stimulate remaining cells in the retina, to generate spots of light that give a patient a sense of vision.

About Bionic Vision Technologies Pty Ltd (BVT)

BVT is an Australian medical device company that aims to preserve and restore a sense of vision by developing a range of best in class technologies to address degenerative retinal conditions. BVT is commercialising the technologies developed by Bionic Vision Australia (BVA), a consortium of leading universities and research institutes funded by the Australian Research Council from 2010 to 31 December 2016.

In April 2017, BVT received A\$23.6 million from Hong Kong-based State Path Capital and China Huarong International Holdings. The funds enabled BVT to accelerate development and clinical studies. Consortium members collaborating on the trial include the Bionics Institute, Centre for Eye Research Australia, CSIRO's Data 61, the University of Melbourne, and The Royal Victorian Eye and Ear Hospital.

How to apply

Visit www.bionicvis.com to obtain a position description and information on how to apply.

All applicants are required to submit a cover letter and CV with their application.

Email applications addressed to the CEO to: careers@bionicvis.com

Closing date for applications: 11.59pm on Sunday 10 March 2019.

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