Juan Aguero
Senior Design Engineer

Contact
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Programming
♥C++, C
ASM ARM & AVR
JavaScript
Matlab, Latex
VHDL (hobby)

Tools
git, gtest,
Qt, make, vim,
Altium, Eagle
gitlab, jenkins,
apache, nginx
HTML, PHP, CSS
SQL

Platforms
Cypress ARM,
BeagleBone,
rPi, Arduino,
AVR USB,
Cypress USB,
Win, Linux

Languages
English
Spanish

interests

To secure a role within a reputable organisation where I can apply my skills and experience in Electronics in a R&D environment. There is nothing more satisfying than being able to see a product from its initial conceptual stages through to manufacturing. The ideal role would also provide a challenging environment that allows both personal and professional growth and development.

education

2013–2013	Laboratory Measurement Uncertainties *mention ISO here*	National Measurement Institute
1999–2007	Bachelor of Engineering *Software and Electronics*	The University of Technology, Sydney
1999–2007	Diploma of Engineering Practice *Professional*	The University of Technology, Sydney

experience

2006–Now	Acoustic Research Labs *Senior Design Engineer*	Pennant Hills, NSW

- Responsible for the establishment and oversight of all engineering practices
- Advise management in the areas of Standards Adoption, Staff Development, Product Identification and Production
- Selection of Engineering Standards, Procedures and Workflows to be adopted
- Provide guidance and support to engineering staff
- Ensuring technical compliance with the Company's ISO-9001 based Quality Assurance system
- Produced product roadmaps and coordinated product development with Project and Product Managers through identification of potential commonalities and reuse between products and projects
- Advised on the standardisation of tools, utilities and infrastructure to support engineering and production activities

2001–2006	Tyco Services - Wormald *Junior Systems Engineer*	Rydalmere, NSW

- System level safety critical design

skills

- Excellent working knowledge of the Systems Engineering process as applied to electronic systems containing both hardware and software
- Skilled at policy and report writing
- Excellent communication, interpersonal and Negotiation skills
- Excellent Analytical/Problem Solving skills with great attention to detail