

Denis Furtado de Andrade, 25, Brazilian, single.
Living in São Paulo, SP – Brazil
+55 11 7332 3231
andrade.dns@gmail.com

Skills

- Knowledge in systems control, automation and supervision of industrial systems, digital processing of signals, programming, image processing, and electrical and electronic systems acquired during the academic formation
- Experience in electronic boards layout design
- Programming: C, C++, LabView and MatLab
- Knowledges in astronomy with a strong emphasis in CCDs
- Motivated, autodidact and pro-active
- Languages: Portuguese (native) and English

Education

- 1999 / 2002 – Computer Technician at *INPETTEC – OBJETIVO*
- 2003 / 2007 – Graduated as Control and Automation Engineering at *Universidade Federal de Itajubá*
- 2009 / currently – Master degree in Electronic Systems at *Univerdade de São Paulo*, with research in BTFI, the Brazilian Tunable Filter Imager

Professional Experience

- 2000 / 2001 – Computer Technician at *Digipress Informática, Pouso Alegre, Brazil*;
- 2007 – Manufacturer Engineer at Delphi Automotive Systems, *Espírito Santo do Pinhal, Brazil*
- Jan to Mar 2008 – MSc visitor at Laboratory Astrophysics of Marseille, working in the development of a communication board for an EMCCD controller
- 2008 / currently – Electronic Engineer at IAG/USP - Institute of Astronomy, Geophysics and Atmospheric Science of São Paulo University, Brazil

Projects

- 2005 / 2006 – ECOVEICULO – Low power consumption car project while at *Universidade Federal de Itajubá*
- 2008 / 2009 – Developing 2 EMCCD cameras and controllers for BTFI (Brazilian Tunable Filter Imager) while at IAG/USP

Conference

- “The Brazilian Tunable Filter Imager”, Andrade, Taylor, Oliveira, et al. Poster at “Optical Complex Systems” OCS 2008 (Cannes, 17-19 March 2008)

Scholarship

- Master degree granted by a scholarship from FAPESP (*Fundação de Amparo à Pesquisa do Estado de São Paulo*)