



825 Harbor Road
Winfield, Alabama 35594

TEL: +1 205/487-4262
CELL: +1 617/461-4916
FAX: +1 205/487-2492
E-mail: marc@dossantosintl.com

Marcus Joseph dos Santos

BACKGROUND SUMMARY

Involved in start-up of company including initial organization, advertising and computer work.
Experienced in structural engineering, control systems, and electrical engineering.

PROFESSIONAL BACKGROUND

Dos Santos International, Winfield, AL, July 1997 - Present

Partner, Co-founder

Founded company on worldwide experience, specializing in materials handling and engineering.

Projects have included:

- Sandwich-Belt High Angle Conveyor Systems throughout the world.
- Overland conveyor analyses, utilizing DSI proprietary software, “**ExConTech**” The Expanded Conveyor Technology

Mid Technology Corporation, Medford, MA, July 2001 – March 2004

Aerospace Engineer

Made substantial advances in use of smart materials for military and civilian applications. Developed communication system for data transmission through sealed containers. Researched and tested new methods of fuel injection for jet and diesel engines. Developed programmable tester for research of new piezo-actuated device. Designed and assembled mechanical testbeds and electronic devices. Involved in high-tolerance machining work and CAD design for prototyping and actual product manufacturing.

MIT Ocean Engineering Tanks, Cambridge, MA, June 1999 - December 2001

UROF

Made electrical and mechanical improvements to Robo-Pike robotic fish and began mechanical design and development of Robo-Muskie for propulsion research. Involved in computer aided design, assembly, testing and purchasing for projects.

Self-Employed, Winfield, AL: May 1995 – May 1996

Computer Setup and Repair

Set up software on systems for use with local educationally funded Internet service provider

EDUCATION

- B.S. Aerospace Engineering, Massachusetts Institute of Technology, 2002.

PROFESSIONAL ACHIEVEMENTS

Publications:

- Co-authored “Fast-Starting and Maneuvering Vehicles: Robopike and Robomuskie” sent to International Symposium on Unmanned Untethered Submersible Technology (UUST)

Other:

- Designed and built structure and interfaces of ARGOS for the MIT CDIO project
- Developed web page for Dos Santos International
- Led three major renovation projects to improve living quarters at Phi Delta Theta fraternity

LANGUAGES

Proficient in Portuguese

Read and write Portuguese and Spanish