

DANIEL L. AYRES

daniel.ayres@gmail.com

Current Address

137 Westway Apt. 201
Greenbelt, MD 20770
(202) 415-9581

EDUCATION **University of Maryland, College Park**
Ph.D. Candidate, Biology Program

University of Illinois at Urbana-Champaign
Bachelor of Science in Computer Engineering.
Year of Graduation: December 2005.
GPA 3.4/4.0

Colégio Santo Agostinho, Rio de Janeiro, Brazil
Graduated second out of 216 at one of Brazil's most prestigious high schools.

EXPERIENCE

Since June 2006

Conservation International

Tropical Ecology Assessment and Monitoring Network

Developed, implemented and currently supporting several tools in response to TEAM's informatics needs. Among these are a full featured enterprise wiki, a custom scheduling tool, a file metadata system with web interface, a web photo gallery, and a unified database population system.

Summer 2003

GE Medical Systems

Advanced Technology Engineer

Developed a blood pressure simulation tool in C that was integrated to clinical systems monitoring equipment at GEMS. The main objectives of the project were to confirm porting accuracy of the blood pressure algorithm across different platforms and to provide a demonstration tool for sales people.

1997 - 2007

BioEstat

Lead programmer

Led the programming effort on the first two versions of what is today considered the standard in Portuguese language statistical software package. Supervised the development of the later versions. BioEstat is distributed freely to university staff and students in Brazil and is currently being translated to the Spanish and English. It is a project funded by Brazil's Department of Science & Technology, Wildlife Conservation Society – NY, and several other renowned organizations.

SKILLS **Languages:** Native speaker of English and Portuguese. Competent in Spanish.

Computing: Proficient in C, C++, Java, Visual Basic, HTML, CSS, Javascript, Apache, Tomcat, MySQL, Windows, MacOS, UNIX, Mathematica, R, Matlab, Microsoft Office, and Adobe Photoshop.

HONORS & AWARDS

University of Illinois at Urbana-Champaign

O. Thomas and Martha S. Purl Scholarship, 2002-2003.
General Engineering Scholar Award, 2001.

Pontificia Universidade Católica (PUC), Rio de Janeiro, Brazil

Awarded full scholarship and honors position at one of Brazil's top three engineering schools.

BACKGROUND

Born in England and raised in England and Brazil. Holder of both citizenships.