

Enrique Orestes Santos, Jr.

Software Engineer

Experience

Rocinante Laboratories LLC *Oakland, CA (April 2016 – Present)*

Proprietor & Principal Consultant

Creator of custom internal business tools and web application prototypes.

Tilt *San Francisco, CA (December 2013 – February 2016)*

Internal Tools Lead / Project Lead for Mission Control (**Ruby On Rails, JavaScript, PostgreSQL, Perl**)

Created tools for Customer Happiness & Growth to search and act on customer information

Disney Interactive *Palo Alto, CA (March 2013 – November 2013)*

Engineer on web-based ETL workflow management tool (**Ruby On Rails, MySQL, Vertica**)

Google *Mountain View, CA (September 2012 – June 2013)*

Optimized SMB AdWords Email campaigns for customer reach (**MapReduce, SQL**)

Wrote Data Validation Tools for Analysts (**Bash, Python, R**)

Raybeam, Inc. *Mountain View, CA (September 2012 – November 2013)*

Engineering consultant specializing in Business Intelligence

Expected to travel client-site and work through problems with the customer

Vitruv *Atlanta, GA (August 2011 – June 2012)* → **Oracle** *Atlanta, GA (June 2012 – August 2012)*

Project Lead for DeeJay/Turntable Short URL generator/manager (**NodeJS, Ruby/Sinatra & Redis**)

Full Stack Engineer on flagship product Vitruv Publisher (**Rails, JavaScript, Redis, PostgreSQL**)

Maintenance & Engineering Support Lead of Oracle Social Publisher post-acquisition

Teaching / Lectures

Art of Prototyping Intelligent Appliances – CS 3651 (Spring 2011, Georgia Tech)

Introduction to Game Boy Advance Programming (Winter 2009, Freeside Atlanta Hackerspace)

Introduction to Human-Computer Interaction – CS3750 (Summer 2010, Georgia Tech / UPC Barcelona)

Cognition & Culture – CS4793 (Summer 2010, Georgia Tech / UPC Barcelona)

Program Design in C – CS 1372 (Fall 2007 – Fall 2010, Georgia Tech)

Research

TwinSpace: Exploring Hybrid Physical-Virtual Collaborative Spaces (Georgia Tech GUVU Lab)

Advisor: Dr. Derek F. Reilly

Collaborators: Andy Wu, Jee Yeon Hwang, Andy Echenique, Vu Ha, Keith Edwards

Best College of Computing Oral Presentation – GT 2010 Spring Undergraduate Symposium

IEEE Symposium on 3D Interfaces 2010 Contest Participant

Education

Georgia Institute of Technology *Atlanta, GA (August 2006 – July 2011)*

Bachelor of Science in Computer Science

Specializations: Artificial Intelligence & Human-Computer Interaction