

Enrique Orestes Santos, Jr.

Software Engineer

Experience

Unity Technologies *San Francisco, CA (October 2017 – Present)*

Senior Software Engineer, Security Tooling

Create developer services to validate and scan company assets (**Ruby, Python, Kubernetes**)

Maintain applications and dashboards to illustrate security position to engineering leads and executive teams

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

Proprietor & Principal Consultant

Creator of custom internal business tools and web application prototypes. (**Java, Python, Ruby**)

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

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

Responsible for deploying dashboards and user administration portal of a large crowdfunding web site

Created for Customer Happiness & Growth teams 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

Vitruve *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 Vitruve 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 GVU 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

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