

# Huascar A. Sanchez

Computer Science Phd Student

University of California, Santa Cruz  
Jack Baskin School of Engineering  
1156 High Street  
Santa Cruz, CA, 95064  
Mail stop: SOEGRAD

+1 408 375 1651  
hsanchez@soe.ucsc.edu  
**W** www.hsanchez.net  
**B** www.gotobject.com

## Objective

Looking for a summer research internship.

## Education

UC Santa Cruz, Santa Cruz, CA - Phd, Computer Science, 2009-present

San Jose State University, San Jose, CA - MS, Software Engineering, 2006

## Skill Set

- Java, C#, SQL, Haskell, HTML, CSS, and XML/XSLT.
- Guice, Java Generics, Ant, Apache Ivy, EasyMock, JUnit, TestNG, and JUnitPerf.
- Object oriented programming, API design, Software patterns.
- Familiar with Java Swing, JAXB, Javascript, JSON, Flex, PureMVC, and Degrafa.

## Class Projects

- Topics in Database Systems (spring 2010): JDBC support for Google's Datastore APIs.
- Programming Languages (winter 2010): a Limited Static Type Checker for Javascript.
- Human Computer Interaction (winter 2010): a highly interactive UCSC campus map.

## Publications

- **Huascar A. Sanchez**, Laying the Foundations for Branding as a Stable Analysis Pattern, The 19<sup>th</sup> European Conference on Object Oriented Programming (ECOOP) - Workshop on Building a System using Patterns: Examine the Illustrious Claim, July 25-29, 2005, Glasgow, Scotland, UK.

The full list of publications can be found online at <http://www.hsanchez.net>

## Employment

### **Software Developer, Infomotor, San Francisco, CA — 2010-present**

Responsible for developing Flex applications for streamlining reporting and presentation of critical data, and monitoring of key performance metrics.

### **Software Developer, Pearson VUE; Bloomington, MN — 2006-2009**

Worked on the next generation of online tools, using Flex and Java, for managing company's test centers. Supported mission critical Java Swing and database-driven scheduling and

University of California, Santa Cruz  
Jack Baskin School of Engineering  
1156 High Street  
Santa Cruz, CA, 95064  
Mail stop: SOEGRAD

+1 408 375 1651  
hsanchez@soe.ucsc.edu  
**W** www.hsanchez.net  
**B** www.gotobject.com

registration applications. Co-architected an enterprise-level correspondence system for managing and delivering highly configurable correspondence in response to business events. Contributed accurate artifacts, e.g., a load-unit testing framework (in Java), technology brown bags, which enabled peers to do their jobs more efficiently.

#### **Software Engineer, Vergencemedia, Inc.; Burlingame, CA — 2008-2009**

Contributed key artifacts, e.g., a “Windows-service” that supplied streaming information to application users to create interactive products’ stories, which accelerated company’s “product story” site public-launch.

#### **Software Engineer/Cofounder, vrlSoft, Inc.; Santa Clara, CA — 2005-2006**

Actively involved in every aspect of the company’s software development lifecycle. Advised peers on use and benefits of unit testing and code coverage frameworks in software development. Designed and implemented some work that was presented in ECOOP 2005.

#### **Freelance Web Developer, Self-employed; San Jose, CA — 2003-2005**

Designed and implemented, using different Web technologies, several user centered websites for different clients in the Bay area. Improved clients’ online operations in anticipation of increased customer demands by designing and implementing several inventory systems.

### **Professional Affiliations**

Association of Computing Machinery - ACM, <http://www.acm.org>

### **Other**

Native Spanish speaker; interested in classical painting and foreign films; love traveling and the culinary arts; US Citizen.