

# Nico Ritschel

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*github.com/nicosuave*

## Education

2014 **Informatics**, *University of California*, Irvine.  
(Expected) Software Engineering

## Experience

Sep. 2012– **Software Engineer Intern**, *Hedgeye Risk Management*, Dana Point, CA.  
Feb. 2012 I rolled out a Jenkins continuous integration server to support a Rails 2, and many Rails 3 applications. My primary duties included fixing bugs and implementing new features, I configured time-savers like Github's Janky, Hubot (view my official script on github). Tools and technologies used: Ruby, HAML, Javascript, Coffeescript, node.js, Github, Pivotal Tracker.

Aug. 2012– **Undergraduate Research Assistant**, *Software Design and Collaboration Library*, *University of California*, Irvine, CA.  
Jan. 2013 I added features to sketching software, Calico (<http://sdcl.ics.uci.edu/research/calico/>) to support air traffic controllers. I implemented geographical distance calculation, utilizing the Haversine formula, along with a series of other requested tools. Tools and technologies used: Eclipse, Java, Swing, Github.

Sep. 2011– **Lab Tutor**, *University of California*, Irvine, CA.  
Dec. 2011 I assisted students working in lab with weekly test-driven, pair-programming assignments in Racket.

June 2010– **Web Developer Intern**, *AECOM*, Los Angeles, CA.  
Sep. 2010 I joined the waterfall-based web team, learned about an enterprise-grade Content Management System, Vignette. I used JSP to develop a survey/poll script for use in the corporate intranet site for 50,000 global employees. Tools and technologies used: JSP, Oracle RDBMS, HTML, CSS, Javascript, jQuery.

## Technical Interests

Languages	Ruby, Javascript, Coffeescript, Racket, Clojure, Java	
Unix	OS X, Debian	Back-End PostgreSQL, MySQL, MongoDB
Back-end Frameworks	Rails, Sinatra, Node.JS	Front-end HAML, SASS, Ember.js, Angular.js, tools jQuery

## Projects

Sqaqr In October 2012, I participated in Rails Rumble 2012, in October. Myself and a partner, Chandra Bhavanasi, developed a web-based step sequencer for music production. Tools and technologies used: Sinatra, jQuery, SoundManager2, Twitter Bootstrap .

ZotSpot In February 2013, I led a group that developed a mobile site to allow for students to checkin to various study spots around UC Irvine. Tools and Technologies used: Rails, Turbolinks, Facebook Graph API, Omniauth, Google Maps API, Twitter Bootstrap