

Christian Oudard

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<http://github.com/christian-oudard/>

Summary

I solve business problems, sometimes by writing software. I'm a computer systems generalist with 10 years experience, and numerous personal software projects. Competent in many technical areas, including web development, backend architecture, and algorithms. Very quick learner, and an excellent communicator and teacher. My particular areas of interest include linguistics, cognitive neuroscience, kinesiology, and theory of computation.

Experience

- **Software consulting** *September 2013–Present*
 - Independent software consultant, specializing in engineering team processes.
- **TinyCo Senior Backend Engineer** *September 2012–January 2014*
 - Coded complete rewrites of several major systems, such as the code deployment system and game configuration server.
 - Interviewed new employees to help grow the team from 3 to 8.
 - Mentored junior backend engineers and client engineers, especially in Python and Django.
 - Created a unittest suite for the Python code base, with continuous integration server.
 - Instituted the usage of better database migration practices.
- **Scribd Software Engineer** *January 2012–August 2012*
 - Worked as a Ruby on Rails and Javascript engineer on a team of 12.
 - Worked with a huge mysql database. We ran out of 32-bit unsigned primary keys on one of our tables.
 - Responsibilities included the Scribd Developer API, internal mobile client API, and the embedded document viewer.
- **PolicyStat Software Engineer** *October 2008–January 2012*
 - Joined at a very early stage, when there was just the CTO, the CEO, and a single client. When I left, we had over a hundred hospitals as customers.
 - Did full-stack development, including server administration on Amazon AWS, Django backend, and web frontend using jQuery and CSS
 - With the CTO, completely rewrote the codebase from PHP to Python/Django.
 - Developed an algorithm for diffing structured documents in HTML.

Skills

- **Languages:** Python, Haskell, Ruby, JavaScript, HTML, CSS, C++, Java, Shell Script
- **Libraries:** Django, SciPy, Ruby on Rails, jQuery
- **Tools:** Linux, Git, Puppet, Amazon Web Services (AWS)