

Christian Oudard

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Summary

I solve business problems by creating clear understanding, and turning that understanding into software. I'm a computer systems generalist with over 10 years of experience, and numerous personal software projects. My areas of interest include full stack web development, databases, data analysis, and machine learning. I care deeply about communicating empathetically, in a way that respects the humanity of those I work with. Outside of software, let's talk about math, philosophy, linguistics, biomechanics, or neuroscience.

Experience

- **Disqus** *Data Engineer* *June 2016–December 2016*
 - Part of a three-person team responsible for a data analysis pipeline handling tens of millions of events per day. The pipeline is built using Kafka, Storm, S3, Hive, and Redshift.
 - Backend feature development in Python, including work on advertisement serving.
- **Infer inc.** *Full-stack Engineer* *July 2015–September 2015*
 - Worked on Infer's main product which manages machine learning sales models.
 - Coded improvements to the CoffeeScript frontend interface as well as the Python backend.
- **TinyCo** *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 mobile engineers, especially in Python and Django.
 - Instituted the usage of better database migration practices, and better unit testing.
- **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, Shell Script
- **Libraries:** Django, SciPy, Ruby on Rails, jQuery
- **Tools:** Linux, Git, Puppet, Amazon Web Services (AWS)