Christian Oudard

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

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. Competent in many technical areas, including full stack web development, databases, and algorithms. I believe that teaching and learning should be a core part of any software team. Outside of software, talk to me about math, linguistics, biomechanics, and neuroscience.

Experience

- **Infer inc.** *Full-stack Engineer*   *July 2015–September 2015*

    – Worked on an internal product for managing machine learning 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 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)