

Bob Van Zant
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Goal: Seeking a position in an early stage company working on systems-level software where I can contribute not only to the codebase but also to the ideas and business decisions being made. I want to work with people who are as passionate about building great products in a pragmatic way as I am.

Skills

Skill Name	Details
Python	Favorite language. Extensive experience in multi-threaded environments. Pyrex modules where python does silly things (especially string manipulation).
C	Systems programming, simple FreeBSD kernel modules, Python Pyrex modules, Perl XS modules.
Systems Management	FreeBSD (Older: various linux distributions and windows servers)
Other Tools	SQL, Perl, C++, PHP, SH scripting, HTML, CSS and JavaScript. Played with Prolog, OCaml, Scheme

Work Experience

IronPort Systems (now Cisco Systems)

April, 2004-Present

Software Engineer

I began in the web applications group alongside the UI platform architect extending the web framework and developing the first few screens of the application (Python, Aquarium). I later moved on to the CASE group where I integrated the IronPort Anti-Spam engine with the ESA (email security appliance) platform. I re-architected and rewrote much of the core of the ESA surrounding third-party engines to make the code base easier to work on by other engineers. The new architecture has been proven by the quick and efficient addition of 3 new scanning engines.

In 2007 I moved to Ukraine to work hands on with one of our remote development teams. The mission was to improve communication between the two teams while helping to facilitate the success of our largest remote development project to date. Later in 2007 I moved to Bangalore, India to seed the development team being built out there by IronPort/Cisco. In Bangalore I mentored junior engineers on software engineering best practices and worked with our newly hired senior engineers to ensure that they were able to communicate their ideas and past experiences effectively back to the California team.

Groundspring.org

June, 2003-April, 2004

Software Engineer

At groundspring.org I was a software engineer under Donald Lobo working primarily in PHP, however this is where I started with Python.

Microtech Systems, Inc

March, 1997-March, 2003

Webmaster and Systems Administrator

Education

B.S. with Honors in Computer Science from UC Santa Cruz, March 2004. 3.9 GPA. Dean's list.

Hobbies

I go off-roading and camping in the sierra on average once a month (even in the snow). I maintain the ttor.com network (5 servers in a colo). I am a HAM radio operator with a general class license, K6RTY. I pilot RC gliders and RC helicopters and to span the gamut of possible hobbies I enjoy auto-crossing and driving my car on race tracks. To keep my heart in shape I play softball and soccer and I go cycling.