

# Judd Vinet

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## Education

- University of Victoria (Victoria, BC, Canada)
  - Completed a B.Sc. Degree in Computer Science
  - Graduated in 2004

## Projects / Accomplishments

- Founded the Arch Linux<sup>i</sup> distribution in late 2001. The project is still running strong, though I no longer serve as the primary developer/leader, due to time constraints.
- Created a Linux-based package manager<sup>ii</sup> that tracks installed packages, dependencies, and their meta-data. The program updates a system by automatically downloading packages from a remote repository. This package manager is now used in multiple Linux distributions within the open-source community.
- Designed and developed a PHP web framework<sup>iii</sup> for use in multiple projects and development contracts. The framework boasts a light footprint, speed, MVC-based design patterns, and encourages rapid development practices.
- Created a TCP/UDP port-knocking application<sup>iv</sup> for Linux and BSD. The application's primary function is to obscure the existence of open services (ports) on a server. After the first release, the project was featured on Slashdot<sup>v</sup>.

## Skills

- Extensive knowledge of GNU/Linux, with a focus on system administration, networking, and security.
- Ten years experience developing with PHP and MySQL. Worked on projects ranging from social networking to eCommerce to affiliate networks to accounting.
- Well-written, good communication, strong use of the English language.
- Excellent analytical skills with a propensity for new techniques and languages.
- Experience in client relations and project management, from functional specification through to deployment and maintenance.

## Work Experience

### **Web Developer / System Administrator (contract)**

Varien, Inc.

October 2006 – October 2008

<http://www.varien.com>

Los Angeles, CA

- Responsible for backend programming and database work for various eCommerce clients (PHP/MySQL)
  - Heavily-modified code based on osCommerce
  - Custom backend systems for reports and order management/fulfillment
- Responsible for all maintenance of client Linux servers
  - On call 24/7 for any emergencies, in charge of load balancing, data replication, backups,

query optimizations, and troubleshooting.

### **Web Developer (contract)**

Transitional Media, Inc.

June 2006 - Present

<http://www.transitionalmedia.ca>

Victoria, BC

- Responsible for all backend programming and database work (PHP/MySQL)
  - Cut up web designs into HTML/CSS templates for backend integration
  - Interface design for use with non-technical users
  - Direct communication with clients to assess needs and develop iteratively
  - Time-sensitive projects – quotes must be accurate

### **Web Developer / System Administrator**

Wondermill Webworks, Inc.

October 2000 – March 2004 (full-time, onsite)

<http://www.wondermill.com>

September 2004 – Present (contract)

Victoria, BC

- Designed and developed a large piece of software for ad brokerage and affiliate management, including customized accounting systems
  - 50,000 lines of PHP code
  - Mid-sized MySQL database hosted on a Linux cluster
- Developed a web form processing system for use by those with no technical expertise.
  - Used Symfony and AdoDB, approximately 30,000 lines of PHP
  - Large-sized MySQL database hosted on a Linux cluster
- Responsible for all system administration duties in an environment where uptime was of paramount importance
- Built custom in-house software for company/intranet organization and management

### **Interests**

- Computers: operating systems, programming, networking, open-source, web development, social networks
- Outdoors: scuba diving, hiking, camping
- Music: guitar, audio production

### **References**

Available upon request.

- i <http://www.archlinux.org>
- ii <http://www.archlinux.org/pacman/>
- iii <http://www.prontoproject.com>
- iv <http://www.zeroflux.org/knock/>
- v <http://slashdot.org/article.pl?sid=04/04/14/1832222>