

PHILIP LEE

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SUMMARY

Professional Software Engineer with over 10 years of software design and development experience. Demonstrated expertise in design and development of complex enterprise and web-based systems using JavaScript, HTML, CSS, Photoshop, PHP, MySQL.

PROFESSIONAL EXPERIENCE

Project: **Nuclear Power Plant Robot Control Panel** 2009
Moog Inc.

- Designed and developed a GUI control panel with animated graphical representation of robot positioning
- Converted specifications conceptual mockups into live pages with graphical enhancements
- Defined communications protocol and workflow
- Used **PHPGD Library** to create 360 degrees images to be used to represent robot movements
- Integrated UI to backend using **AJAX** with data polling for animated dynamic page updates
- Technologies Used: OO Javascript, CSS, HTML, JQuery, PHP, Photoshop

Project: **Device Controls and GUI Programming Application** 2006 - 2008
Berkeley Process Controls, Inc.

- Designed and developed **UI application** on a hardware device running an **embedded web server** allowing hardware devices to interact with other devices.
- Created a **GUI sequence programming** interface to allow programming device controls through UI easily
- Created graphical setup configuration wizards utilizing drag and drop and creative layouts to allow for simple configurations of complex devices
- Developed an **Visual IDE** to design interactive dynamic views for real-time device data display. Implemented in **Javascript** with **JSON**.
- Redesigned company website BerkeleyProcess.com and Soft-IO.com
- Implemented open source PayPal integrated **e-commerce store** (www.soft-io.com)
- Tecnologies Used: OO Javascript, CSS, HTML, Drupal, JQuery, JSON, RSH, Photoshop, Embedded Server Page

Project: **Hotel Reviews Site** 2006 - 2008
TravelPost Inc.

- Developed **lives pages** from static mockups and developed all UI needs ensuring optimal performance and cross browser compatibility
- Managed Word Press blog and debugged open source bugs
- Technologies Used: CSS, HTML, Javascript, Photoshop

Project: **Search and Collaboration Application** 2004 - 2006
JetEye Inc.

- Designed and Developed a **PHP / AJAX** based searched system to index and query data for a social and collaborative search site.
- Technologies Used: PHP, MySQL, CSS, HTML, Javascript, Photoshop

Project: **Audio Systems and Services Ecommerce** 2004
Phonic Inc.

- Designed and Developed entire **site from scratch** using **PHP / MySql** to manage large sets of product contents and informational display interactivity.
- Technologies Used: PHP, MySql, CSS, HTML, Javascript, Photoshop

Project: **Enterprise Financial Equity Trading Application** 2001 - 2004
Intelligent Markets, Inc.

- Designed and Developed software application for financial **enterprises** for trading equity and bonds.
- Developed web based application within a C++ window application interface.
- Participated in highly **formal design and development process** for requirement analysis, specification development, protocol design, class design, implementation, unit testing and field deployment.
- Technologies Used: OO Javascript, CSS, HTML, Photoshop

Project: **Web Video Player Engine** 2000 - 2001
Eveo Inc.

- Designed and Developed web based video player engine and interface
- Redesigned entire company website
- Integrated database system to website
- Technologies Used: JSP, MySql, Javascript, CSS, HTML, Photoshop

Project: **Web Portal Service** 2000
OnePage, Inc.

- Designed and developed **JSP / MySql** based web portal software
- Developed entire interface custom user layout handling with **Javascript / CSS / HTML**
- Developed entire sign up, validation, membership handling with database integration using **JSP / MySql**
- Technologies Used: JSP, MySQL, Javascript, CSS, HTML, Photoshop

Project: **Company Website Redesign / Misc Technical Solutions** 1999 - 2000
Varsity Logistics Inc.

- Redesigned entire website
- Main **technical contact** for all technical related problems
- Technologies Used: Javascript, CSS, HTML, Photoshop

Project: **ECommerce Data Filter / Manipulation / Validation** 2009
OfficeTronics Inc.

- Used PHP to auto format multiple different large sets of data to filter out duplicates, select lowest prices, validate from errors in order to submit massive data set to Government in the proper/accepted format
- This put OfficeTronics immediately online and in business
- Technologies Used: PHP

Project: **Insurance Quoting System Site** 2005
800-Insurance Inc.

- Designed and developed entire site displaying insurance information online
- Technologies Used: Javascript, CSS, HTML, Photoshop

Project: **Real Estate Website with GUI Based Updating System** 2005
LOH Realty and Investments Inc.

- Designed and developed entire site
- Developed GUI system to allow authors to publish and update new homes for sale without

any coding

- Technologies Used: PHP, MySQL, Javascript, CSS, HTML, Photoshop

Project: **Pet Hospital Website** 2005

Madera Pet Hospital Inc.

- Designed and developed entire site displaying company related information
- Technologies Used: Javascript, CSS, HTML, Photoshop

Project: **Photo Gallery Engine** 2005

Creative Frequency Inc.

- Designed and developed an online photo gallery engine
- Technologies Used: Javascript, CSS, HTML, Photoshop

Project: **Business Leads Website** 2005

Rich's California Business Leads

- Designed and developed entire site allowing users to subscribe, register and login to access paid for business leads
- Technologies Used: Javascript, CSS, HTML, Photoshop

Project: **Health and Medical Supply Website** 2005

Eumedic Inc.

- Designed and developed entire site for displaying product information with ability for online purchases
- Technologies Used: Javascript, CSS, HTML, Photoshop

Project: **Customer Support Service Website** 2005

CallCrew Inc.

- Designed and developed entire site for displaying customer support services
- Technologies Used: Javascript, CSS, HTML, Photoshop

Project: **Company Website Redesign with GUI Based Updating System** 2005

Son Heavy Industries Inc.

- Converted static web pages into dynamic JSP based pages
- Created CMS Update system to allow for easy site updates
- Technologies Used: JSP, MySQL, Javascript, CSS, HTML, Photoshop

Project: Graphic Design 1999

JDR Microdevices

Project: Company Website Redesign 1998

CompuLAN Inc.

Project: Graphic Design 1996

TrueSports Professional Inc.

COMPUTING SKILLS

Programming Languages: Object Oriented Javascript, CSS, HTML, PHP, MySQL, XML, XSLT

Tools & Frameworks: Photoshop, Homesite, jQuery, Drupal, ANT, CVS, SourceSafe, GIT, Tomcat, Apache

MISCELLANEOUS

I hand code everything, am highly experienced with object oriented design and principles. I design and code with maintainability and execution efficiency, reliability and cross-browser compatibility (IE, FireFox, Safari) as the guiding principals. I have been known to solve what others have called impossible

and tackle subtle problems that may not make sense technically.