

David Moksha

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Seeking a full-time opportunity in Software Engineering

Strengths

- 🌀 **Team building:** skilled at recognizing people's talents, and nurturing them to grow
- 🌀 **Collaborative design and decision making:** good listener, effective discussion leader
- 🌀 **Communication:** ability to fluidly communicate complex topics with technical and non-technical people
- 🌀 **Balance:** keep a genuine smile while enthusiastically producing exceptional products

Languages and Tools

- 🌀 **Object-Oriented Programming (Pascal):** 8+ years extensive experience in Object Modeling, Polymorphism, Interfaces, Generics/Templates, and other features shared by powerful OOP languages
- 🌀 **Git:** 8+ years for source code management, personal and professional
- 🌀 **Python:** 3 years for personal projects; passed numerous interview challenges using Python
- 🌀 **Bash, Linux:** 8+ years experience as SysAdmin for 5-10 installations
- 🌀 **PHP, HTML, CSS:** 20+ projects, ranging from adding components to building entire sites
- 🌀 **MySQL:** designed and implemented databases for professional and personal projects
- 🌀 **Javascript:** wrote custom functions and debugged template functions, including jQuery, AJAX
- 🌀 **C:** experience customizing existing Open Source projects and studying code written in C
- 🌀 **GitLab, JIRA:** Trained and comfortable

Experience

AngelBase ~ Los Angeles ~ Software engineer ~ Sep 2008 – Mar 2017

- 🌀 Managed software development life cycle
 - 🌀 Led requirements, architecture and design meetings
 - 🌀 Led code reviews
 - 🌀 Implemented Git and GitLab for version control and issue tracking
- 🌀 Managed and implemented transition from command-line to GUI application
 - 🌀 Led design and implementation of lattice-centric diagram editor
 - 🌀 Integrated widget set (fpGUI) and Anti-Grain Geometry framework (AGGPas) for rendering
 - 🌀 Built OOP Interfaces for modular design, enabling support for alternate front-ends
- 🌀 Managed and built back-end data storage system and API
 - 🌀 Implemented efficient data types, tripling execution speed
 - 🌀 Developed standardized calls to data store, improving coding efficiency and ease of maintenance
 - 🌀 Used *sed* scripting to programmatically refactor existing codebase to conform to new API
 - 🌀 Championed and implemented modular data storage design. Board members agreed that the result will facilitate important business opportunities
- 🌀 Responsible for Corporate Accounting: created and maintained ledgers for several corporate entities

Interests

Information Security, Accounting, Law, Economics, Bicycling, Meditation and Yoga, Dancing, Classical Guitar, Choral Singing, Vedic Chanting, Camping, Cooking, and Teaching of all sorts

Education

Bachelor of Science in Physics, UCLA, 2001