

David Billingham

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PROFESSIONAL EXPERIENCE

LiveAuctioneers LLC, New York, NY 9/2002 - Present

Chief Architect [www.took2.com]

- Created, managed and designed from conception to product release the online action software package took2.com.
- Designed the sharded MySQL database schema which is used to separate each tenants data.
- Conceptualized and created the core objects used to control the separate PHP modules.
- Produced and designed the entire UI front-end of the client facing application.
- Laid out the feature list from client requests.

Chief Architect [www.liveauctioneers.com]

- Singlehandedly designed, built and currently maintain back office software for facilitation and management of all past, present, and future online auctions for more than 500 clients worldwide.
- Conceptualized, designed, built and maintain
 - public API
 - intranet billing package
 - scalable vertical search engine
 - advanced auction management features
 - full integration with the eBay API
- Installed, configured and maintained office LAN
- Managed a team of developers, designers and administrators ranging in size from 2-5
- Conceptualized most of the new products launched
- Recommended and Managed Sales and support teams transition to salesforce.com CRM & custom integrated it with intranet back office system.
- Managed and built transition through all versions of the eBay API
- Point of contact for all server trouble tickets and issues.
- Managed full MySQL database upgrades, designs, redesigns & scaling.
- Point person for all technical issues, ideas, brainstorming & projects.

Lucent Technologies, Denver, CO 5/2000 - 8/2000

Web Site and Database Intern

- Created and maintained Access databases integrated with the website & wireless devices used for installation, repair & maintenance of switching stations.

- Upgraded old system of Excel File Databases to use new Access System.
- Started program for the installers to receive hand held Internet devices and designed the WML to be used.
- Designed system for managers to leave voice messages on the Internet for others to hear.

City of Englewood, Englewood, CO 5/1999 - 8/1999 and 5/1998 - 8/1998

Engineering Assistant Intern

- Created and maintained the Access databases to track the placement of concrete & benchmarks
- Designed a system to predict the estimated time when concrete would need to be replaced dependant on time, type & location.

TECHNICAL SKILLS

Computer Skills

- Advanced knowledge of PHP, Java, MySQL, Python, Apache, XML/XSLT, JavaScript, HTML, CSS, Ajax
- Working knowledge of Perl, C++, C, Flash, Ruby
- Software and Hardware including Access, Eclipse, AutoCAD, Algor, Word, Excel, Power Point, quicken, Paint Shop Pro, Photoshop, streaming Real Audio, LAN networking, Pspice, Matlab, Mathematica, LabView, Microsim Schematics.
- Operating Systems including Unix flavors (RedHat, Ubuntu, Debian), Mac OSX, Windows.

Engineering Skills

- Analysis and Design of analog/digital circuits, Power systems analysis, Control systems analysis and design, fluid mechanics, and thermodynamics.
- Solid knowledge of Surveying using elevations, distances, turning angles, and instruments.
- Passed engineer in training exam (EIT).

EDUCATION

Colorado School of Mines, Golden, CO
Bachelor's Degree in Engineering-Electrical specialization, Graduated May 2001