

Christopher Robison

Full Stack Expertise Meets Effective Engineering Leadership

Contact

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About

Whether it's leading a team of programmers, rapidly developing a new app, or aligning software development with strategic business objectives, I bring a blend of technical know-how, leadership skills, and business acumen to every project. I am looking forward to collaborating with you to turn your innovative ideas into reality. I have extensive experience in software engineering and leading groups of unruly programmers. Skilled in a wide range of programming languages, including JavaScript, C, C++, Java, Python, Swift, Kotlin and others. I have a proven track record of successfully leading teams, delivering finished product and driving strategic planning, process improvement, and product development initiatives. Recognized for implementing innovative solutions and modernizing systems to support business growth, as evidenced by transforming D. Harris Tours' operations, resulting in a fleet expansion from 2 to 12 buses. Strong expertise in microservices architecture, Agile methodologies, and cloud services. Committed to continuous learning and staying updated with emerging technologies. A collaborative and proactive problem-solver with a passion for delivering exceptional results. I could go on but I'm afraid I've said too much already 😊

linkedin
[crobison](#)
github
[chrisrobison](#)

twitter
[thechrisrobison](#)

Work

D. Harris Tours, Inc.

CTO

2020-02 - 2023-12

<https://dharristours.com/>

- Spearheaded technological transformation and business processes that allowed D Harris to grow from a fleet of two buses to 12 buses.
- Updated and enhanced the company's systems with modern tools to better manage the growing business, including real-time bus data, automated maintenance notifications, and automated trip confirmations and notifications via email and SMS.
- Implemented route optimization algorithm to identify opportunities for one bus to handle multiple trips, increasing their daily revenue by 30%.
- Implemented automated notifications for trips, bus maintenance, and billing and invoicing.
- Automated notifications for trips, bus maintenance
- Automated billing and invoicing
- Migrated driver logs to digital format
- Increased daily revenue with better trip optimization

Conversant, Inc.

Manager, Software Engineering 2010-07 - 2020-02

<https://conversantmedia.com>

Designed, developed, and maintained the infrastructure and code-base that served many millions of mobile and

not limited to managing and maintaining IT resources including customer applications and websites. Help grow the company from 10 to 65 employees.

- Designed and architected network infrastructure using both Windows servers and various legacy Unix boxes. Built out server clusters and managed a farm of over 60 machines including a SAN.
- Designed and implemented web-based network management, monitoring & systems analysis tools
- Developed web-based tools for creation and maintenance of customer websites, DNS, and email services.
- Designed and developed email marketing application using 3 tier architecture and XML and XSLT for transporting and rendering email messages and associated web pages. As of December, 2003, the Activatemail system sends and tracks over 1,000,000 requested messages per day between 89 clients including Sunkist Growers, The California Avocado Commission, San Diego Zoo and many more.
- Setup automated development environment which allows Interactivate developers to create their own dedicated web sandboxes via a web interface. Automated CVS checkouts and local network mounts to development sandboxes rounded out this implementation.
- Installation & administration of Solaris, FreeBSD & Windows NT in a heterogeneous environment
- Design, implementation, migration and maintenance for Interactivate's internal and external network infrastructure.
- Working with vendors, developers & 3rd party integrators.
- Maintain and monitor over 50 hosted client web sites and dozens of web applications
- Identifying & resolving network related problems
- Responsible for backup implementation and recovery strategy & procedures
- Required to support high volume access & availability characteristics as well as identifying & resolving system hardware & software problems
- Responsible for the full availability of DNS, SMTP, HTTP, POP & IMAP servers
- Maintaining security for all Interactivate networks

Volunteer

San Francisco Elks Lodge #3

Esteemed Leading Knight / House
Committee Chair

As Leading Knight and House Committee Chair I was responsible for the day-to-day operations of the Lodge restaurant and bar as well as organizing and holding events to raise money for local underprivileged children. During my tenure as House Committee Chair, with the help of the SFPD, we were able to build 100 bicycles to give as Christmas presents to children which were very well received. We raised over \$34,000 for the children in that year.

Education

City College of San Francisco

2009-01-01 - 2010-01-01

California State University-Chico

1988-01-01 - 1991-01-01

Butte Community College

1988-01-01 - 1990-01-01

Skills

Programming
Languages

- Java
- JavaScript
- Java
- C
- C++
- Java
- Kotlin
- Objective C
- Swift
- PHP
- Python
- Perl
- Go
- C#

- Bash
Softw
Engin

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Languages

English
Native or bilingual

Interests

Hobbies

- 3D Printing
- Raspberry Pi
- Arduino
- Laser engraving
- Electronics

Recreation

- Golf
- Recreational Programming
- Karaoke

References

Chris has a broad understanding of Internet technologies and is generous with knowledge sharing. Equally at home working with Web Services, XMPP and server-side applications as he is working with CSS, JavaScript and the most recent HTML5 for devices. He brings a lot to a Web dev team and can pinch hit in a number of chairs.

– Kevin Ready (Software Developer and Consultant)
This guy has some seriously mad coding skills.

– Thomas Weaver (Network Provisioner at Twitch)
His system is well oil; all my web services are working with no down time. He offers all the greatest gadgets, ideal environment for a programmer like me.

– Benoit Marsot (Senior Developer R&D at Medsphere Systems Corporation)
Extreme knowledge of Perl and UNIX environment, fast programmer, brilliant manager.

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