

WORK EXPERIENCE

FEBRUARY 2020 -
PRESENT

CTO at D. Harris Tours, Inc.

- Led the development and implementation of business processes and technology 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.

JULY 2010 - FEBRUARY
2020

Manager, Software Engineering at Conversant, Inc. (formerly Mediaplex)

Led the Rich Media Ad team and later the Mobile Ad team.

- Designed, developed, and maintained the infrastructure and code-base that served many millions of mobile and rich media ads each day.
- Led the Rich Media effort and helped modernize the ad serving infrastructure and metric collection.
- Designed and implemented a RESTful API for serving rich media ads and built out scalable backend services to handle integration with existing servers and infrastructure.
- Contributed to the IAB MRAID 2.0 standard, implemented MRAID SDKs on iOS and Android platforms, and developed and deployed mobile ad solutions for multiple platforms.
- Architected and deployed 'Rich Media' ad delivery and reporting infrastructure, RESTful API for ad serving, tracking metrics, and reporting, and developed client-side Javascript 'ad controller' for mobile and web.
- Developed flexible metrics tracking with non-blocking endpoints.

SEPTEMBER 2007 - JULY
2010

Web Architect at Mindjet

- Migrated the Mindjet website from PHP to an ASP.Net solution and headed up Mindjet's foray into the Software as a Service (SaaS) arena-- Mindjet Catalyst.
- Ported the Catalyst client canvas from Flash to a more standards-based implementation utilizing HTML canvas and Javascript.

APRIL 2006 - SEPTEMBER
2007

CEO / Founder at Simple Software, Inc.

Provided contracted software development and consulting, developed the Simple Software Application Platform that provided content management systems and business process management applications to small to mid-sized businesses.

- Developed custom solutions for:
 - GC Homes (Contractor documents and blueprints online)
 - Bay Docs (Document preparation services and tools for generating documentation for reverse mortgages)
 - Tzero Technology
 - Metrika

JUNE 2004 - APRIL
2006

VP Engineering at Genetic Savings & Clone

Genetic Savings & Clone was a genetic services company that offered commercial pet gene banking and cloning where Mr. Robison led the Engineering department.

- Architected, developed, and deployed Clonesoft, custom business process automation software that ran every aspect of the business from the website to cloned pet delivery.
- Cloned a cat and delivered it to a customer.
- Designed and developed a database-driven feline DNA identification website, CatBank.
- Implemented all backend code for Retro vs. Metro, an online companion website to the New York Time's bestseller: Retro vs. Metro - The Great Political Divide in America.

DECEMBER 2001 - JUNE
2004

Technical Director at Inter@ctivate, Inc.

- Managed and maintained IT resources, including customer applications and websites, and helped 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

EDUCATION

JANUARY 2009 - JANUARY
2010

City College of San Francisco

Japanese, Business

JANUARY 1988 - JANUARY

1991

California State University-Chico

Computer Science

JANUARY 1988 - JANUARY

1990

Butte Community College

Computer Science, General Education

AWARDS

JUNE 1988 *Paradise High School*

Computer Science Award

First recipient of the Paradise High School "Computer Science Award" for developing a data application to track school resources that ran on an Apple IIe.

SKILLS

Programming Languages

JavaScript [node.js] JavaScript [browser] C C++ Java Kotlin Objective-C Swift PHP Python Perl Go C# Bash

Leadership

Strategic Planning Team Building Team Leadership Procedure Development Process Improvement Product Development Entrepreneurship

Budgeting / Financial Planning

Software Engineering

Best Practices Entrepreneurship Software Development Microservices Architecture Scrum / Agile Mobile Application Development Cloud Services

Service Integration

INTERESTS

Hobbies

3D Printing Raspberry Pi Arduino Laser engraving Electronics

Recreation

Golf Recreational Programming Karaoke

LANGUAGES

English *Native or bilingual*

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.

— Benoit Marsot (Senior Developer R&D at Medsphere Systems Corporation)