

# BRANDON FERGUSON

## DESIGNER + PROGRAMMER

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## Qualifications

Passionate cross-discipline designer/developer with over 10 years of experience in web development, a BFA in Visual Communication Design and minors in Computer Science and Mathematics. Has launched numerous successful web sites as a team member, team leader and freelance designer and developer. Language agnostic, comfortable with ambiguity and unframed problem spaces, trained in design leadership and various innovation process frameworks. Loves to tackle difficult problems and accomplish the unprecedented.

## Computer Skills

Languages	Frameworks	Software
Ruby	Ruby on Rails	Litespeed
(X)HTML	JQuery	Nginx
CSS	.NET	Mongrel
Javascript	Fusebox	Xen
C#	Drupal	Subversion
SQL	Processing/	Git
Cold Fusion	Arduino	HAProxy
RegEx		Adobe CS3
PHP		Visual Studio
Java		Eclipse
C++		Combustion
		Various flavors of Unix

## Experience

**Trabian Technology**  
Fishers, IN — 2007-2008  
*The Builder (Development, Servers,  
Support, User Experience)*

- Architected, setup, and launched Xen based Linux web servers involving such applications and technologies as nginx, MySQL, memcached, Litespeed, munin, EC2, and mongrel
- Lead initial development of custom Rails/Mephisto based CMS that allowed us to move to a software subscription model by putting all new development on a unified codebase
- Provided user experience and design direction on various administration interfaces and public facing websites
- Lead support of 30+ legacy Rails and Java sites, launched 12+ new sites

**Freelance**  
Indianapolis, IN — 2005-Present  
*Designer + Programmer*

- Defined, designed, and developed brand strategy, identity, and collateral for Florida based software startup miko Software
- Designed, developed, implemented Drupal + custom PHP based website for Indiana University's Museum Studies Department
- Designed brand identity and website for Indiana Evaluation Association

Indiana University  
University College  
Indianapolis, IN — 2004-2006  
*Assistant Web Programmer*

- Aided in design, creation, and implementation of campus wide ASP.NET 2.0 based Student Organization database and management website
- Researched, evaluated, and implemented Subversion based version control and CruiseControl.net based continuous integration systems resulting in increased developer confidence and experimentation while minimizing loss of work

Indiana University  
Kelley School of Business  
Indianapolis, IN — 2002-2004  
*Web Developer*

- Researched, designed, and prototyped C#.NET based AIM/custom protocol Instant Messenger
- Performed feasibility/capability research & development for various internal web development projects

Teen Mania Ministries  
Garden Valley, TX — 2001-2003  
*Web Team: Technical Lead*

- Managed a team of programmers that developed 12+ high-traffic Cold Fusion based websites consistently delivering projects on schedule
- Developed primary components of CMS used in four live event coverage websites including two "Dome Events" that had a total attendance of over 90k
- Architected and led development on core components of an extranet web application/CRM plug-in that broke barriers between internal Oracle data with external SQL Server data while resulting in a 50% increase in customer satisfaction and drop in cost per lead. Total development time: 28 days

Subaru-Isuzu Automotive  
Lafayette, IN — 1999-2001  
*Assistant LAN Administrator*

- Provided support for over 1200 users, 632 computers, and 31 servers in a production environment
- Developed a database reporting and statistics application resulting in higher productivity of support staff and a drop in average outstanding support requests from over 500 to under 20 for the first time

ACCS  
Frankfort, IN — 1998-1999  
*Internet Administrator &  
Lead Web Developer*

- Managed over 28 live web sites, 1500 users and 8 servers.
- Designed, developed, and implemented 6 web sites for local businesses and internal needs
- Provided phone and in-person technical support

Freelance  
Frankfort, IN — 1996-1998  
*Technician & Web Developer*

- Managed regional Broadcasting firm's web presence
- Debugged and troubleshoot Linux security for local ISP
- Provided phone support for dial-up Internet customers

## Internships

Teen Mania Ministries  
Garden Valley, TX — 2002  
*Leadership Professional Program*

- A graduate internship program of the Honor Academy focusing on training leadership and management in the workplace

Garden Valley, TX — 2001-2002  
*Honor Academy*

- Service internship with focuses on personal and professional growth

## Education

Indiana University  
Herron School of Art & Design  
Indianapolis, IN — 2002-2007

- Bachelor of Fine Arts in Visual Communication Design with minors in Computer Science and Mathematics