Christian N. Abad
Full-Stack Application Developer

2630 Carriage Crossing Drive
Matthews, NC 28105

(704) 900-1825
Resume@TheAbads.com

Experience

2005 - Present Accessible Computing Matthews, NC

President / Owner

- Responsible for all aspects of the day-to-day operations of a web design, application development and online marketing agency whose focus is building accessible and usable websites for a variety of industries that perform well for the search engines.
- Generated leads and followed-up with prospects using SugarCRM.
- Authored detailed Proposals and Statements of Work (SOW) to win new business.
- Performed daily resource management of up to a dozen (12) resources, including salespeople, administrative assistants, project managers, website / graphic designers, website developers, copywriters, online marketers, and search engine analysts.
- Performed project management for multiple web development projects simultaneously.
- Performed Search Engine Optimization (SEO), Search Engine Marketing (SEM), and Pay-Per-Click (PPC) Marketing for a variety of clients, including my own corporate website.
- Performed business accounting using QuickBooks.
- Developed standards-based web applications for various clients using ColdFusion, SQL, HTML, CSS, JavaScript, jQuery, AJAX, and relational databases (MS SQL Server and MySQL).

2013 - 2018 Fig Leaf Software Washington, DC

Senior Application Developer

- Responsible for the planning, development, testing and quality assurance of numerous web-based applications for a variety of clients across various industries, including government, education, transportation, sports, professional associations, and others.
- All applications were developed using the Agile Scrum methodology and complied with the Section 508 Guidelines as well as the Web Accessibility Guidelines (WCAG) 2.0.
- Projects leveraged technology solutions including, but not limited to, ColdFusion 11 / 2016, MS SQL Server, Oracle 12c, REST APIs / RESTful Web Services, HTML 5, CSS 3, Bootstrap, JavaScript, jQuery, AJAX, and Node.js.

2008 - 2013 Benson IT Solutions (Contractor for US Navy) Woodbridge, VA

Senior ColdFusion Developer / Senior UI (User Interface) Developer

- Responsible for the planning, development, testing, quality assurance and deployment of several classified, standards-compliant, web-based applications for the US Navy as a sub-contractor of Benson IT Solutions and BAE Systems.
- These standards-compliant, hand-coded, custom applications make heavy use of “Web 2.0” technologies, including (X)HTML, CSS, JavaScript, jQuery, jQuery UI and AJAX.
- All projects utilized a complete end-to-end SDLC (Software Development Lifecycle) methodology that leveraged technology solutions that included, but were not limited to: ColdFusion, MS SQL Server, Oracle, XHTML, CSS, JavaScript, jQuery, and AJAX.

2010 - 2011 Time Warner Cable Charlotte, NC

Senior ColdFusion Developer

- Responsible for the general day-to-day maintenance of an existing suite of Web-Based Applications for the Time Warner Cable (TWC) Application Development / BI (Business Intelligence) Team. These applications were developed using a custom-built “framework” that utilizes ColdFusion 8 & 9, MS SQL Server, XHTML, CSS, AJAX, and the Sencha Ext JS JavaScript Library.
- Assisted the TWC Application Development / BI Team with the triage and resolution of existing errors that occurred in the aforementioned Applications.
- Optimized and tuned the various ColdFusion Applications to maintain a high degree of availability and uptime for these mission-critical reporting processes.

Experience (cont.)	2010 - 2010 TIAA-CREF Charlotte, NC **Team Lead / Senior UI (User Interface) Developer** ▪ Responsible for the delivery of Standards-Compliant, User-Centered, and Accessible web pages for the various web-based properties of TIAA-CREF. ▪ Performed the creation and development of front-end web pages using XHTML, JavaScript, Dojo, AJAX, and CSS. ▪ Lead the UI Team (User Interface) and coordinated efforts between our Team and the Java Development Team, who converted our work into JSPs (Java Servlet Pages). ▪ Updated and maintained TIAA-CREF's internal set of standards for Web Accessibility, per the WCAG (Web Content Accessibility Guidelines) 2.0 and Section 508 Standards, as well as their internal set of standards for web design and development, per the various guidelines set forth by the W3C (World Wide Web Consortium.)
	2010 - 2010 University of North Carolina (UNC) Chapel Hill, NC **Team Lead / Senior ColdFusion Developer** ▪ Responsible for the end-to-end planning, development and technical execution of a health care provider credentialing application for the Department of Medicine at UNC Chapel Hill called "Cred-Trak". ▪ Performed all project management for the "Cred-Trak" project, including gathering the business requirements, translating those requirements to the technical application development requirements. ▪ Lead the development of the "Cred-Trak" project by creating a standards-based web application using ColdFusion, MySQL, XHTML, JavaScript, jQuery, AJAX, and CSS. ▪ Provided the initial training as well as ongoing support for the "Cred-Trak" project.
	2008 - 2008 Bank of America Charlotte, NC **Natural Search Optimization (NSO) Team Technical Lead** **Consultant – Ecommerce Marketing** ▪ Responsible for the technical execution and delivery of the NSO (Natural Search Optimization) program for both BankOfAmerica.com and their Online Banking website by working closely with both internal product teams as well as external third-party vendors. ▪ Facilitated the creation and launch of integrated marketing strategies to drive highly targeted traffic to the various Bank of America web properties. These strategies used "White Hat" SEO (Search Engine Optimization) techniques to place Bank of America on the first page of Google, Yahoo!, MSN (Bing) and Ask for a variety of highly-targeted keywords. ▪ Performed Landing Page Optimization and other testing to improve page performance that directly increased conversion rates. ▪ Provided ongoing reporting and analysis of key performance indicators (KPIs) and other campaign metrics.
	2005 - 2005 Bank of America Charlotte, NC **Technical Delivery Lead** **Vice President – Card Services & Ecommerce Technology** ▪ Responsible for the technical execution and delivery of ecommerce projects for BankOfAmerica.com. ▪ Developed web applications for BankOfAmerica.com using ColdFusion, SQL, XML, HTML, XHTML, DHTML, JavaScript, CSS, and relational databases (Oracle 8, Oracle 9i).
	2004 - 2005 Bank of America Charlotte, NC **Web Accessibility Team Manager** **Vice President – Card Services & Ecommerce Technology** ▪ Managed the Web Accessibility Team whose focus was to ensure all customer-facing web pages on BankOfAmerica.com are accessible and usable for disabled users per Priorities 1 and 2 of the Web Content Accessibility Guidelines (WCAG 1.0). ▪ Used Web Content Accessibility Guidelines (WCAG 1.0) and Section 508 Standards to improve ADA Compliance across Bank of America's Online Banking and the BankOfAmerica.com Sales and

Experience (cont.)	Fulfillment pages. ▪ Created the most accessible and usable customer-facing web presence for Bank of America.
	2001 - 2004 Bank of America Charlotte, NC **Senior Analyst – Applications Programming** **Assistant Vice President – Card Services & Ecommerce Technology** ▪ Availability Lead – Responsible for the significant reduction of recurring customer-facing errors on BankOfAmerica.com. ▪ Quality and Productivity Tools Lead – Developed and maintained several internal Quality and Productivity tools for BankOfAmerica.com, using ColdFusion, SQL, HTML, XHTML, DHTML, JavaScript, CSS, and relational databases (MS SQL Server 2000). ▪ Standards Lead – Responsible for the development, review, implementation and enforcement of standards, including ADA Standards (also known as Section 508), and Development (coding) Standards. ▪ P3P Lead - Developed and implemented the Bank of America Platform for Privacy Preferences Project (P3P) initiative, using XML. ▪ Developer - Developed web applications for BankOfAmerica.com using ColdFusion, SQL, Java, XML, HTML, XHTML, DHTML, JavaScript, CSS, and relational databases (Oracle 8 and 9i).
	2001 - 2001 Xion Media Charlotte, NC **ColdFusion Web Developer** ▪ Developed web applications using ColdFusion, SQL, HTML, DHTML, JavaScript, CSS, and relational databases (MS Access and MS SQL Server). ▪ Developed 95% of the "back-end" for CharlotteHomeRepair.com, including an intuitive Administrative Interface for Sales Teams and Managers.
	2000 - 2001 First Union National Bank Charlotte, NC **ColdFusion Web Developer – Capital Markets** ▪ Developed web applications using ColdFusion, SQL, HTML, DHTML, JavaScript, and relational databases (Oracle 8 and MS SQL Server). ▪ Designed website graphics using PhotoShop and ImageReady. ▪ Maintained several areas of First Union's Intranet site. ▪ Assisted with project management and client presentation of newly developed websites.
	1998 - 2000 PHE, Inc. Hillsborough, NC **Team Lead / Senior Web Developer** ▪ Managed full lifecycle development of ecommerce websites. • Met with internal teams to determine projects and their scope. • Distilled project requirements into technical tasks. • Delegated tasks to appropriate personnel (internal and external). • Produced deliverables (code, graphics, timelines, communications). • Reported status to requesting teams. • Followed-up with projects several weeks/months later to ensure project success. ▪ Maintained 8 ecommerce sites with combined annual sales in excess of $10M. ▪ Supervised design and coding for ecommerce "back-end" of websites. ▪ Increased weekly sales from $40K to $200K using various marketing strategies and site enhancements. ▪ Coded websites using HTML, JavaScript and cgi-bin. ▪ Designed website graphics and layout using Dreamweaver, PhotoShop, and Fireworks. ▪ Incorporated multimedia content using Flash, Shockwave, QuickTime, and QTVR.

Experience (cont.)	1997 - 1998 Creative Printing, Inc. Boone, NC **Internet Specialist / Network Administrator** ▪ Designed, coded and implemented over 20 websites from concept to deployment. ▪ Coded websites using HTML, JavaScript, and cgi-bin. ▪ Designed website graphics using PhotoShop, CorelDraw, Corel PhotoPaint, and Fireworks. ▪ Installed and maintained a Red Hat Linux web server. ▪ Administered a LAN of graphics workstations, printers, and other shared resources.
	1996 - 1997 Appalachian State University Boone, NC **Webmaster** ▪ Maintained several areas of the University's website. ▪ Coded web pages using HTML, JavaScript and cgi-bin. ▪ Designed website graphics using PhotoShop, CorelDraw, Corel PhotoPaint, and Fireworks.
	1996 - 1996 Appalachian State University Boone, NC **Audio-Visual Technician** ▪ Purchased, installed and maintained audio and visual equipment for the Plemmons Student Union, located on the campus of Appalachian State University. ▪ Designed broadcast-quality slide media for display on local TV station.
	1995 - 1995 Mitsubishi Semiconductors of America, Inc Durham, NC **Software Engineer** ▪ Designed and coded serial communication protocols for semiconductor wafer fabrication equipment, using C in a Solaris environment. ▪ Designed GUIs using X-Motif software on Sun Microsystems workstations.
Education	1992 - 1997 Appalachian State University Boone, NC ▪ B.S., Psychology *and* Computer Science ▪ Dean's List
Interests	Scouting, SCUBA diving, recreational sport plane flying, traveling, gardening, and seeing live music
Technology Skills	– 32 years of computer experience ranging from system administration of a Bulletin Board Service (BBS) to full life cycle development of world-class database-driven standards-based applications. – In-depth knowledge of Web Accessibility (ensuring web pages are compatible with assistive technologies for the disabled) as per Priorities 1, Priorities 2, and Priorities 3 of the Web Content Accessibility Guidelines (WCAG 1.0 and 2.0) as well the Section 508 Guidelines. – In-depth knowledge of Human Factors Engineering (Interface Design, GUI Principles) as it applies to website design and usability, commonly referred to as User-Centered Design (UCD). – Proficiency with the following Software Development Standards and Methodologies: – Agile / Scrum – Standard Software Process (SSP) – Capability Maturity Model (CMM) – Six Sigma Change Process (SSCP) – Design for Six Sigma (DFSS) – Professional Certifications: – Certified Scrum Master (CSM) – HubSpot Inbound Marketing Certification – Six Sigma Green Belt (SSGB) Certification – BrainBench Master - Certified in ColdFusion

Technology Skills (cont.)	

- Proficiency with the following Operating Systems:
  - MacOS
  - MS-DOS
  - OS X
  - Linux
  - UNIX
  - Windows 95 / 98 / 2000 / NT / XP / Vista / 7 / 8 / 10
  - Windows Server 2000 / Advanced Server 2000 / Server 2003 / Server 2008 / Server 2012

- Proficiency with the following Programming / Scripting Languages, Frameworks, Databases, & Servers:
  - Active Directory
  - Apache
  - Asynchronous JavaScript and XML (AJAX)
  - Backbone.js
  - Bootstrap (Including Bootstrap.js)
  - C
  - C++ (*Limited Experience*)
  - ColdFusion Markup Language (CFML)
  - Cascading Style Sheets (CSS)
  - CommonSpot CMS
  - Drupal *(Intermediate Experience)*
  - Dynamic Hypertext Markup Language (DHTML)
  - Extensible Hypertext Markup Language (XHTML)
  - Extensible Markup Language (XML)
  - Extensible Stylesheet Language Transformations (XSLT)
  - Flash (*Limited Experience*)
  - Flex (*Limited Experience*)
  - GUI Development
  - HubSpot API
  - Hypertext Markup Language (HTML)
  - Internet Information Services (IIS)
  - Java *(Intermediate Experience)*
  - JavaScript
  - jQuery
  - jQuery Mobile *(Limited Experience)*
  - jQuery UI
  - Kerberos
  - Microsoft Access
  - Microsoft SQL Server
  - MySQL
  - Node.js
  - Oracle
  - PHP *(Intermediate Experience)*
  - REST APIs / RESTful Web Services
  - Selenium
  - Sencha Ext JS
  - Structured Query Language (SQL)
  - Syntactically Awesome Style Sheets (SASS)
  - Taffy (REST Web Service Framework)
  - Visual C++ [MSFC] (*Limited Experience*)
  - Underscore.js
  - WordPress
  - XPath

- Proficiency with the following Software Applications:
  - Assembla
  - Adobe PageMaker
  - Adobe ImageReady
  - Adobe PhotoShop
  - Adobe / Macromedia ColdFusion Studio
  - Adobe / Macromedia ColdFusion Server

Technology Skills (cont.)	– Adobe / Macromedia Dreamweaver – Adobe / Macromedia Fireworks – Adobe / Macromedia Flash – Adobe / Macromedia HomeSite+ – Adobe / Macromedia Shockwave – Adobe / Macromedia UltraDev – Adobe ColdFusion Builder IDE – Alien Skin Eye Candy – Apache HTTP Server – Apache Tomcat – Aptana IDE – Atlassian Bitbucket – Atlassian Jira – Beyond Compare – CFEclipse IDE – Corel Draw – Corel PhotoPaint – Corel WordPerfect Suite – CSE HTML Validator – Eclipse IDE – FTP Clients (WS_FTP, CuteFTP, SmartFTP, FileZilla) – FTP Servers (Serv-U, FileZilla) – Galorath SEER-SEM – Git / Git Bash – Google Search Appliance (GSA) – Intuit QuickBooks – Kai's PhotoSoap / Power Tools / Meta Tools – Lotus Approach – Microsoft Access – Microsoft Excel – Microsoft Internet Information Server (IIS) – Microsoft Outlook – Microsoft Publisher – Microsoft PowerPoint – Microsoft Word – Microsoft SQL Server Enterprise Manager – Microsoft SQL Server Migration Assistant – Minitab – MySQL GUI Tools – MySQL Workbench – Navicat – Perforce – phpMyAdmin – Postman – Quark Xpress – Rational ClearCase – Selenium IDE – Sublime Text IDE – SubVersion (TortoiseSVN) – SugarCRM – Trac – Visual Source Safe (VSS) – Web Browsers (Netscape, Internet Explorer, Opera, Mozilla, Safari, Firefox, Chrome) – Areas of Interest: – Accessibility – Angular – Application Security – AJAX – ColdFusion – Drupal – Human Factors Engineering (HFE)

Technology Skills (cont.)	– JavaScript – jQuery – jQuery Mobile – jQuery UI – Leadership – Mobile Development – Online Marketing – Pay-Per-Click (PPC) Marketing – REST APIs / RESTful Web Services – Search Engine Optimization (SEO) – Search Engine Marketing (SEM) – Section 508 Standards – Sencha Ext JS – SQL – Usability – User-Centered Design (UCD) – W3C (World Wide Web Consortium) Web Standards – Web Accessibility Initiative (WAI) – Web Content Accessibility Guidelines (WCAG) – XML