# everything is gray

JAMES BARCLAY
UX DESIGNER | WEB DESIGNER | ILLUSTRATOR

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**Certified Specialist**
Security and Mobility 10.6

**Certified**
Technical Coordinator 10.7

**Certified**
Mac Technician

**Certified**
Associate
Mac Integration 10.6

**CCA**
certified casper administrator

## Experience

**Senior IT Consultant, The Linde Group, Inc.** Berkeley, CA 2012 -

Perform strategic IT consulting for enterprises, startups, and government agencies. Write software and automate processes including PC to Mac migrations, directory migrations, and global server and workstation deployments. Architect enterprise-level backup solutions. Deploy and administer JAMF's Casper Suite on multiple platforms, including RHEL and Ubuntu Server running on Amazon EC2. Design and implement enterprise WLAN networks. Provide senior-level network, server, and workstation support.

**Project Highlights**

1. Designed and developed a native Mac application similar to Apple's Migration Assistant that helped thousands of remote workers migrate to new laptops with minimal intervention from central IT.

2. Designed and developed a virtual machine testing environment that allows developers to schedule OS X virtual machine resources. Coded with Twisted, Django, and the VMware VIX API.

3. Updated and customized an open source native Mac application that allowed an organization to migrate hundreds of Open Directory accounts to Active Directory accounts.

**Engineer, Macprofessionals, Inc.** Novi, MI 2010 - 2012

Worked as a pre-sales and field engineer to design and implement enterprise WLAN solutions for educational institutions and businesses. Lead teams of field technicians in large scale imaging and deployment of Apple technologies. Provided remote support for Apple at-home tech support agents. Wrote scripts that solved problems and saved time. Maintained a Web-based inventory tracking system using the Twisted Python framework and Nevow Web application framework. Maintained and deployed servers with Puppet. Administered JAMF Software Servers for multiple clients. Used Git and Bazaar for source code management. Built Websites for clients and internal use with a variety of tools and content management systems.

**Systems Administrator, University of Michigan-Flint** Flint, MI 2010 - 2011

Used Mac OS X Server and related technologies to deploy a computer lab in the Visual Communications department. Set up an Open Directory Master and Network Accounts, managed users and groups via MCX, configured a NetRestore/NetBoot server for imaging. Resolved networking and authentication issues for faculty, staff, and students.

**Mac Genius, Apple Inc.** Novi, MI 2007 - 2010
Was an Apple Certified Macintosh Technician, (ACMT), that worked under extreme amounts of pressure to resolve technical problems quickly and efficiently. Performed repairs on desktops, notebooks, and portable devices. Handled difficult customer service situations on a daily basis. Built and managed our location's internal communications site based on the Drupal CMS.

**Freelance Web Designer/Developer** Flint, MI 2005 -
Built multiple WordPress and Drupal sites for clients and personal use, (everythingisgray.com, lamooreworksofart.com, flintcast.com, takanindustries.com). Designed and developed a WordPress theme which has been downloaded ~10,000 times, (see wordpress.org/extend/themes/simplixity).

## Technical Certifications

**ACS - SaM** - Apple Certified Specialist - Security and Mobility
**ACTC** - Apple Certified Technical Coordinator
**ACSP** - Apple Certified Support Professional
**ACMT** - Apple Certified Macintosh Technician
**ACA - MIB** - Apple Certified Associate - Mac Integration
**ASP** - Apple Sales Professional
**MTC** - Apple Mobile Technology Competency
**ACWA** - Aerohive Certified WLAN Administrator
**CCA** - Certified Casper Administrator

## Public Speaking

January 2014 - **Macbrained** - Berkeley, CA - *Command-Line Productivity for Mac Admins*

October 2013 - **JAMF Nation User Conference** - Minneapolis, MN - *Ghost in the Cloud: Deploying the JSS on Amazon EC2*

August 2013 - **5by5 Systematic Podcast** - *James Barclay, the IT in Creativity*

## Education

**University of Michigan-Flint** — BFA in Visual Communications, 2008-2011

**UX Designer, Undergraduate Research Opportunity Program (UROP), Locusono iOS application** UM-Flint, 2011
Worked with Professor Joseph Reinsel (Communication and Visual Arts) and several UM-Flint graduate students from the computer science department to design and develop a functional prototype iOS application. Was responsible for devising user interaction scenarios, usability testing, and designing all visual elements of the application — including the icons and layout. Worked within the constraints of Apple's Human Interface Guidelines (HIG). Presented on the project at the UM-Flint Student Research Conference and the Meeting of Minds Undergraduate Research Conference at Oakland University.