

Education

Grand Valley State University: Padnos College of Engineering & Computing

2006 – 2011

B.A. Information Systems, minors in Business and Mandarin Chinese

- **Information Systems** focused on training with old technologies to new such as...
 - > COBOL > ASP.net > VB.net > Oracle > Microsoft Access > Java > SAP
 - > Project Management > Life Cycles > Linux > Windows Server
- **Business** was integrated into the IS program which included accounting, finance, marketing, public speaking, and presentation.
- **Mandarin Chinese** is a language proficiency as a result of study abroad trips in China and Taiwan.
- **Established Starcraft 2 Club** my senior year. As the team captain, duties included organizing weekly matches against other universities, instruction of players, organizing trips to tournaments in Grand Rapids, MI and competing for cash and prizes.

University of Michigan – Dearborn

2011

Guest Student

- **Programming** using C# for simple applications using architecture and design pattern methodologies such as Abstract Factory, Builder, Singleton, Decorator, and Command. Created the structure for programs such as picking ingredients at a bagel store, universal control switch for electronic appliances, and banking and loan eligibility.

University of Michigan: Camp CAEN

2001 – 2006

Summer camp study in computers at the School of Engineering

- **Programming** using Java and C++. Re-created games such as "Lights Out."
- **Web design** focusing on CSS. Used Javascript for functions such as displaying a different background image based on the user's browser and resolution.

Nanjing University

Nanjing, China

2009

Summer school study: simplified Mandarin Chinese

National Taiwan Normal University

Taipei, Taiwan

2008 – 2009

Summer school study: traditional Mandarin Chinese

Experience

Computer Technician and Web Designer

for Craig Computer Co. 2006 – Present

for MAV Associates, LLC and The Silk Worm 2011 – Present

- **Customer service** on site and over phone (**QuickBooks, Microsoft products, virus removal**).
 - Example: Instructed an employee of The Silk Worm retail boutique how to synchronize QuickBooks with the on-site inventory system over the phone.
- **Hardware** installations (**routers, switches, Ethernet, VOIP phones, servers**).
 - Example: Rickman Enterprise, LLC was moving to a new location in Detroit. Wired and

crimped more than 100 Ethernet connections, set up a server rack with switches, ensured T1 line connectivity, and set up the VOIP phone system.

- **Software** maintenance and training for cash registers, personal computers, servers, and inventory management (**Intuit Point of Sale, QuickBooks, all Microsoft products, Windows Server**).
 - Example: The Silk Worm purchased new point of sale software and hardware for cash registers. Responsible for implementing the operating systems. It was difficult to find appropriate drivers for their setup because it was not my design, but the system was operational within the required time frame. Taught employees how to use the completed point of sale system. Wrote instruction manual.
- **Web design** for business class websites (**PHP, MySQL, XHTML/CSS, Drupal, Flash, Photoshop**).
 - Example: Lead developer for many business websites ranging in trade from musicians, cleaners, attorneys, quality management, and retail stores. Usually use the Drupal content management system that ties into a MySQL database. See URLs for example projects below in "Recent Projects" on the last page of the resume. For the Silk Worm, created the web site from concept to operation. Suggested designs, content and graphics. Instructed owner on web site administration. Wrote administration manual and taught personnel how to update the website. Also taught the owner how to use mass email programs for marketing.
- **Databases** using **MySQL** and **Microsoft Access** (web and standalone applications).
 - Example: Created a MySQL database architecture from scratch to hold data related to online competitive gaming.
 - Example: Used Microsoft Access to develop a custom view for an automobile parts company to help it better manage and sort through purchase orders.
- **Project Management** using the **waterfall methodology, software development life cycle, project life cycle**.
 - Example: Using the waterfall methodology, lead a group to design a website for alumni at Grand Valley State University. Created milestones, tracked progress, assigned tasks, and ensured the job was done was completed as requested.
- **Technical Writing** of handbooks and custom software applications.
 - Example: The Pine Lake Property Owners Association, Inc. needed more understanding on how to operate and maintain its website using the Drupal content management system. Developed a handbook detailing every control by utilizing screenshots and examples.
- **Google AdSense/Analytics** and **Search Engine Optimization** for business websites.
 - Example: Manage and track www.RacecarListings.com advertisements to provide the customer with usage statistics.
 - Example: My personal website www.djcj.net used to be in Google result pages, but not near the top. Since mastering search engine optimization, my website now appears as #1 in search results.

Computer Camp Assistant Teacher & Counselor – University of Michigan: Camp CAEN

2007

- **Taught** advanced 3D design and animations.
- **Directed and Managed** 50 students in a dormitory (organize activities, meals, and keep the peace).

Web Designer – Thomas M. Cooley Law School

2005

- **Program** in Javascript for simple website applications.
- **Server Maintenance** of the private Google® search engine on site.

Graphic Designer and TV Equipment Engineer – Birmingham Sports

2002 – 2006

- **Designed graphics** displayed on television during sports games.
- Operated cameras, audio equipment, and lighting equipment.

Skills

Languages / Applications

- PHP / MySQL
- XHTML / CSS
- Drupal & module design
- Graphic design
- C#

Management Tools

- PLC
(Project Life Cycle)
- SDLC
(Software Development Life Cycle)
- Microsoft Project
- Programming architecture & design patterns

Basic Familiarity

- Oracle
- JAVA
- Visual Basic
- WordPress & Joomla
- Flash & SWiSH
- JavaScript
- 3D Studio Max
- Linux & Apache
- Windows Server 2008 & IIS
- Mandarin Chinese, both oral and written

Recent Projects

- Computer game point tracking (DKP) system: www.djcj.net/portfolio.html#djcjdkp
- Online tournament tracking software for Starcraft 2: www.djcj.net/portfolio.html#titantourney
- Water-cooled D-Link router running DD-WRT Linux: www.djcj.net/portfolio.html#router
- Website: Pine Lake Property Owners Association, Inc. - www.plpoa.net
- Website: The Silk Worm - www.mysilkworm.com
- Website: Racecar Listings - www.racecarlistings.com