

Ying Vang

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*Targeting an Entry-Level Opportunity in...*

Software Developer

- Computer Information Technology graduate offering a strong foundation in software engineering and programming principles across multiple platforms.
- Experienced in object-oriented programming; developing, testing and debugging code; designing interfaces; and administering systems and networks.
- Quick learner of new technologies; successful working in a team and in a self-working settings.

Education

METROPOLITAN STATE UNIVERSITY, MN 2015 - 2017

Bachelor of Science (B.S), Computer Information Technology

- Senior Software Engineering and Capstone Design Project:
  - *Project Scope:* A four-member team developing a web application of one hundred thousand plus movie names for organizing and tracking personal movies in a database, functional requirements, developed code and testing applications for errors.
  - *Tools:* PHP, MYSQL, HTML, JavaScript, CSS, Notepad ++, XAMPP

Courses Completed:

- Web Design and Implementation
- Internet Application Development
- Object-Oriented Programming
- Database Management Systems

- Computer Security
- Computer and Operation Systems Fundamentals
- Software Design Models
- Cyber Operations

CENTURY COLLEGE, MN 2012 – 2015

Associate of Science (A.S.), Computer Information Systems

## Work Experience

March 2017 – Current | Remote Specialist, Convergent Technologies, LLC

- Remote Desktop Protocol (RDP) into Windows servers to troubleshoot degraded hard drives, faulty IP cameras, microphones, and program IP cameras and encoders for customer, use customer's server network to Image Windows 7 Intel NUCs.
- Provides extensively technical troubleshooting support for possible problems including debugging software, other service related problems in IT environment
- Performs job related programming for computer based systems
- Developing knowledge of IT systems management, technical writing, security technologies, and network security.
- Evaluates improvement opportunities and help define solutions to improve customer experience, increase productivity, and reduce costs.

April 2016 – February 2017 | Package Handler, United Parcel Service

- Continually lifting, lower and slide package between 25 and 70 lbs. Scan boxes.

October 2014– July 2015 | Legal Clerk, Jack W. Clinton. PA and Baumann Law Office.  
PA

- Put files in draws, scan client documents, answer phones, create labels for client folders, put together Estate Planning and Corporate Record Books, operate computers, deliver errands, and carry boxes to storage.

## Technology Summary

MS Visual Studio, C++, Visual Basic (VB.net), Java, PHP, MYSQL, HTML, JavaScript, JQuery, CSS, Windows, Linux, UNIX, MS Office Suite, Notepad++, Eclipse (Java), Android Studio, XAMPP, Node.js, Visual Studio Code

## Group Project

In my Capstone class, there were four people in the group. Everyone played a big role in the group project. We came together and made a Web application using a program called XAMPP. This program is an open source web server that consists of stack packages that uses Apache HTTP Server, MariaDB database, and programming languages that uses PHP and Perl. The database stored over one hundred thousand movies. The idea of the project came from one of the members of the group. He had bought many DVD movies over the years, and he wanted to create a personal movie database for friends and family who borrowed his movies.

My role in the group was to design the appearances of the web pages, and create the database for users to login. I have ask the group many questions about how they would like the website's appearance to display as a user. The team had met often and had many ideas on the web pages, and we have created many rough drafts of Entity Relationship Diagram (ERD) for the database. I have encounter hard situations like how to pull and insert certain data from the database, or how the buttons on the website can add a user to the database. After searching online for many ideas, I have concluded by solving the issues by debugging the codes repeatedly until the team were satisfy with the results.