Matthew D. Owens

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Education:

St. Norbert College, De Pere, WI

Bachelor of Science, May 2015

Major: Computer Science Minor: German GPA: 3.4/4.0

Relevant Coursework:

•Applications of Discrete Structures (Logic, Graph Theory),

•Advanced Data and File Structures (Lists, Stacks, Queues, Trees, Heaps, Graphs)

•Machine Organization(Assembly Language, System stack)

•Theory of Computation(Automata/Formal Language/Computability/Complexity Theory)

•Communications and Networking(Protocols, Topologies)

•Intro to Operating Systems(Linux, Pipes, Threading, Page Tables, Scheduling algorithms) Honors: Dean's List, Honors Program Graduate, Phi Sigma Iota (Language Honor Society)

<u>Skills:</u>

• 3 years experience with C++, Object Oriented Programming and Microsoft Visual Studio

• 5 months of in-depth experience with C#, XAML and .NET framework (self-taught)

• Experience with C, PHP, Javascript, HTML, CSS and Assembly Language

Computer Related Experience:

Jukebox Application, <u>St. Norbert College</u>, De Pere, WI Spring 2015 • Developed a Windows application simulating a jukebox that anybody, especially senior

• Developed a Windows application simulating a jukebox that anybody, especially senior citizens, could operate. The UI was designed to be fool-proof and the app allowed people to search YouTube in order to save videos into their own customizable jukebox.

• Access to YouTube was done using YouTube Data API v3 and the project was written using both C# and XAML. The project was done using Windows Presentation Foundation(WPF) in Microsoft Visual Studio.

Client-Server Project, <u>St. Norbert College</u>, De Pere, WI Fall 2014 • Developed a website using PHP, Javascript, HTML and CSS to have a user schedule a reservation for a movie. The user was required to create an account or log in to make the reservations. The user could also cancel reservations at any time.

• The purpose of the project was to give us experience with client-side and server side languages, such as PHP and Javascript. It made us see the relationship between them and see how they accomplish tasks working together.

Additional Experience:

Computer Science Tutor, St. Norbert College, De Pere, WIJan.2015-April 2015• Helped individual students understand concepts they were struggling with and examined code
they were stuck on. I also helped them with exam preparation.Jan.2015-April 2015

Hay Baler, Baskerville Farm, Manhattan, ILJune 2013-Aug. 2014• Baled hay and did other various tasks on the farm such as maintaining the condition of the barn and doing landscaping.