

Chris Yungmann

🏠 306 W Main St Apt 717
Madison, WI 53703

✉ yungmann.chris@gmail.com
☎ (937) 248-3719

Skills | Working knowledge: C#.NET, TypeScript, JavaScript, HTML
Basic knowledge: C, Java

Experience | Software Developer

August 2017 – Present

NIC Wisconsin. Madison, Wisconsin.

- Developed features and enhancements for Wisconsin titling and registration and South Carolina ethics reporting web applications using Angular, ASP.NET, C#, TypeScript, Microsoft SQL Server, Entity Framework, Twitter Bootstrap, Zurb Foundation, Kendo UI, and HTML.
- Integrated CSRF protections into web application.
- Integrated ReSharper and tslint into CI pipeline to catch common programming errors.
- Developed tool to automatically apply SQL database migration scripts.
- Contributed changes upstream to Jasmine testing framework type definitions and Angular date picker.
- Researched and documented architecture of Microsoft Bot Framework chatbots.
- Debugged and resolved production issues.

Software Developer

August 2014 – June 2017

Epic. Verona, Wisconsin.

- Designed and developed infrastructure to process clinical documents retrieved from a national health information exchange.
- Designed and implemented a new method of integrating with a third-party product using web services and OAuth2, working closely with the third-party vendor to ensure interoperability.
- Collaborated with other team members on designing and developing a transition of part of the product from Visual Basic 6 to a newer web-based framework using C#/ASP.NET, HTML5, and JavaScript.

Software Developer Consultant

December 2013 – August 2014 (Part Time)

MusicPlay Analytics, LLC. Cincinnati, Ohio.

- Wrote embedded software using C++, PortAudio, Boost, ALSA, and the GraceNote SDK to run on a single-board computer and listen for and identify music in real-time and send music identification information to a remote server.
- Developed RESTful APIs using Java HTTP Servlets and MySQL to aggregate music performance data.

IT Service Management Report Developer

June - September 2013

Ford Motor Company. Dearborn, Michigan.

- Created entity and attribute definitions for a logical data model for a new data warehouse.
- Developed a web portal for reports using JavaScript, jQuery, jQuery UI, HTML, and CSS.

Software Developer

June - August 2011, June - September 2012

DMAXX, LLC. Lake Forest, Illinois.

- Developed and documented a time zone conversion tool using Visual Basic/.NET and Microsoft SQL server.
- Developed a prototype for a new parse script designer based on feedback gathered from employees.

Systems Administrator

October 2010 – June 2014

Pick-Staiger Concert Hall. Evanston, Illinois.

- Maintained Linux, Windows and Mac OS X servers and employee workstations.

Lead Programmer

October 2010 - October 2013

Northwestern Solar Car Team

- Developed C code for 32-bit PIC microcontrollers to perform essential car functions and to communicate over various communication protocol standards.
- Programmed a single-board computer running Linux to wirelessly send car vitals using Perl and MySQL.

Education | Northwestern University, Evanston, IL

June 2014

Bachelor of Science, Computer Science

GPA: 3.4/4.0