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Matthew Sheehan

Objective

Achieve a position that utilizes my experience architecting large software projects, researching and learning technologies that can be applied, and my strong ability to work independently and with teams.

Education

University of Mount Union   Alliance, OH

- Dean's List   May 2013
- **3.47 GPA**
- Senior Study – The Effects of Social Media on Memory

Skills

C++	HTML, CSS, XAML	PHP
C#	ASP.NET	Visual Studio 2013/2015
TypeScript, JavaScript	SQL Server, MySQL, SQLite	Mercurial

Experience

Apteryx, Inc.   Akron, OH

Project Lead   January 2016 – Present

- Lead in the development of the XvWeb client software.
- Worked in ASP.NET 5, javascript, and other web technologies.

Apteryx, Inc.   Akron, OH

Software Developer   May 2013 - Present

- Developed Windows 8/8.1 metro app for viewing x-rays with image algorithms for enhancements and manipulations (gaussian blur, unsharp mask, b/c/g, …).
- Initiated cloud web application with the ability to enhance images with WebGL shaders.
- Created the canonical internal javascript library for web applications, including web components and custom binding tags.
- Deployed a distributed system of micro-services for file syncing, program logging, and user auditing.
- Built an asynchronous IPC (inter-process communication) messaging protocol.
- Programmed in technologies including DirectX, ASP.NET MVC, WebGL, SQLite, and SQL Server.

Alliance Computer Exchange   Alliance, OH

Computer Repair Technician   August 2011 – December 2012

- Developed company website [www.alliancecomputerexchange.com].
- Performed technical assessments and serviced to customer computers.
- Disassembled computers, printers, and any other electronics to recycle the individual components.

Activities & Awards

Kappa Psi: Honorary Band Fraternity	Phi Kappa Tau Fraternity/Community Service Board	Marching and Concert Band/Trombone
Eagle Scout		

Projects

Personal Site	Language Design - A toy lisp dialect	Github