

# Patrick Chen

patrick711 at gmail.com

## Education

### University of Washington Seattle

Certificate in Data Science 2016

### University of North Carolina Chapel Hill

MS Information Science, 2004

### University of Washington

BS Economics, 2002

### Certifications

Acumatica Developer & Technical Administrator

## Employment

### 2015-present

#### **Snr. Software Engineer**

SWK Technologies Inc

I develop Custom Software and integrations for the Acumatica ERP System

### 2010 - 2015

#### **Director of Engineering**

The Macabe Associates

I work with consultants to flesh out business needs into feasible technical projects. I execute from conception through development, delivery, and support.

### 2006 - 2010

#### **Software Engineer**

The Macabe Associates

Rapidly prototype and build software to specification and provide technical support. Projects deal with ERP workflow, ETL, upgrade, and custom reports

### 2003 - 2006

#### **IT Associate**

Ipas

Developed internal .NET/SQL projects, implemented Sharepoint conversion, and provided general IT support

## Skills

### Coding Skills

C#, TSQL, PHP, VB, Subversion, Java, Javascript, HTML, CSS, R

### Technologies

Visual Studio, Acumatica, REST/SOAP Webservices, MSSQL Server, PowerBI, JSON

### General Expertise

Solution design, Enterprise software development, Database design, UX design, prototyping, production build, documentation, and customer support

## Projects

I solve customer problems, here are examples.

### MAPADOC for Acumatica

I developed an Acumatica EDI solution that pulls in EDI data over REST service, creates Sales Orders, and uploads invoice data to EDI Service C#/.Net ERP

### ERP SOAP integration

I worked on a team building a PHP application that syncs inventory between a consumer facing application and the Acumatica ERP system. PHP

### Connectwise integration

I developed a custom integration between the Acumatica ERP and the Connectwise MSP C#/.Net ERP

### ACH/EFT integration

A suite of custom software solutions for creating several types of Banking transaction files in the Acumatica C#/.Net ERP

### SQL Performance Analysis

Redesigned a TSQL Stored Procedure for ETL import in order to increase performance and efficiency.

### SSIS/TSQL integration

Regularly integrate ERP into customer ecosystems via SSIS & TSQL SP.

## Contact

Here's how to get a hold of me.

### Email

patrick711 at gmail.com

### Find out more

[www.patrickschen.com](http://www.patrickschen.com)

### LinkedIn

[www.linkedin.com/in/pschen](http://www.linkedin.com/in/pschen)

### GitHub

[github.com/patrick711](https://github.com/patrick711)

### Stack Overflow

[stackoverflow.com/users/1048614/patrick-chen](https://stackoverflow.com/users/1048614/patrick-chen)

