

Adam Oswalt

Software Developer



Experience

Senior Developer

December 2016 - Current

Aspire Healthcare, Nashville, TN

Lead development of EMR growth into new areas of business and patient growth

- Rebuild of custom EMR out of CMS platform
- Develop a multi-node Elixir server to serve the client and job workloads
- Bridge development and devops through developer tooling
- Build a feature-rich React application facilitating a variety of user types
- Work with business analysts to match development language to business terminology

Apprentice Software Developer

April 2016 - September 2016

Nashville Software School, Nashville, TN

Full-time web development boot camp focused on team-based work

- Single-page web development utilizing HTML5, CSS3, JavaScript, AngularJS, Bootstrap, and SASS
- RESTful and direct database access with Firebase
- Version Control with Git for individual and group project organization
- Test Driven Development with Python's unittest framework
- Development of RESTful APIs within in the Django framework

Programmer / Project Manager of Programming

January 2015 - September 2016

Varsity Spirit, Bartlett, TN

Managing and designing new software and designs for productivity and usability improvements

- Designed and implemented an ongoing automation system for building artwork from SQL queried order data with C# and CorelDRAW VBA
- Developed a C# application querying an AS400 database for easy retrieval of order details and managing custom reports

Senior Artist

July 2012 - December 2014

Varsity Spirit, Bartlett, TN

Lead production of artwork creation and find solutions to discovered problem points

- Created a configurable script in CorelDRAW to automate the conversion of files
- Wrote an Excel VBA macro to organize emailed reports
- Wrote isolated CorelDRAW VBA macros for automation artwork construction
- Digitized artwork for production
- Developed new fonts and templates for newly designed styles

Website: www.adamoswalt.com **Phone:** 901-626-1627 **LinkedIn:** www.linkedin.com/in/aoswalt

E-Mail: email@adamoswalt.com

GitHub: www.github.com/aoswalt

Projects

Notoriety

Management of markdown notes through tags stored in the documents, initially built around git repositories through a command-line script or Github action

Greenlite

A smart, web-based traffic light system built with small servers controlled by a central larger server. Updates are able to be pushed to the small servers through a web interface.

U-Shirt

Vector-based t-shirt designer focused around shareability and built with AngularJS. Designs can be built from existing designs and added to the Firebase database.

aoswalt.github.io/u-shirt

dotfiles

Personal terminal configuration stored in a git repository to synchronize across different machines and operating systems with an install script to set up new development environments

Lettering Automation

Automated production system and report generator built with C# that connects to an AS400 database and communicates with VBA macros stored in CorelDRAW templates.

Reporting Tool

A tool for running reports against the AS400 system which allows for quick and easy retrieval of order details, running manual SQL queries, and creating custom reports.

Technologies

Languages

Proficient With: Elixir, Javascript, SQL, HTML/CSS, Regular Expressions, Bash

Familiar With: Git, Rust, Lua, VBA, C#, Java

Frameworks

Phoenix, ReactJS

Software

CorelDRAW, Excel