

# Adam Oswalt

Software Developer



## Experience

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### Apprentice Software Developer

April 2016 - Present

Nashville Software School, Nashville, TN

A student in a six-month full-stack web development bootcamp focused on building teamwork in addition to concept mastery.

- Single-page web application 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 - Present

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

### Customer Service Representative

July 2011 - June 2012

Asentinel, Memphis, TN

Provide support for users of a managed application.

- Built a database in Access to automate excessive manual data tracking
- Provided error checking and data entry for failed automatic invoice balancing

# Projects

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## 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.

[www.github.com/aoswalt/ndoch-greenlite](http://www.github.com/aoswalt/ndoch-greenlite)

## 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](http://aoswalt.github.io/u-shirt)

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## 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.

[www.github.com/aoswalt/lettering-automation](http://www.github.com/aoswalt/lettering-automation)

## 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.

[www.github.com/aoswalt/reporting-tool](http://www.github.com/aoswalt/reporting-tool)