

I am motivated to apply and grow my newly acquired passion and skills in programming in a front end web development position. I will bring to the position many years of experience in collaborating with coworkers and successfully meeting clients' needs.

## Skills

*Languages:* JavaScript, HTML5, CSS3

*Frameworks/Libraries:* jQuery, Knockout.js (MVVM), Bootstrap, Jasmine

*Other:* Git/GitHub, Chrome Developer Tools

## Projects

**Feed Reader Testing** - [joylol.github.io/FE-P6-FeedReaderTesting-JT/](http://joylol.github.io/FE-P6-FeedReaderTesting-JT/) October 2015

- Tested the functionality of the provided Google feed reader using Jasmine

**Neighborhood Map** - [joylol.github.io/FE-P5a-Neighborhoodmap-JT/](http://joylol.github.io/FE-P5a-Neighborhoodmap-JT/) October 2015

- Built a single-page, responsive application with Knockout.js framework and hosted on GitHub Pages
- Developed a full-page map that highlights 10 top locations to visit in Dallas, TX
- Employed AJAX to Wiki API to allow the user view more information about each location

**Website Optimization** - [github.com/joylol/FE-P4-WebOptimization-JT](https://github.com/joylol/FE-P4-WebOptimization-JT) September 2015

- Optimized critical rendering path of existing website to achieve PageSpeed Insights score above 90
- Eliminated inefficiencies in the website's scroll animation; site now scrolls at 60 frames per second

**Arcade Game Clone** - [joylol.github.io/FE-P3-Arcadegame-JT/](http://joylol.github.io/FE-P3-Arcadegame-JT/) August 2015

- Displayed a clone of the classic game, Frogger, using HTML5
- Coded player, enemies, and other game entities in JavaScript's object-oriented pseudo-classical style

## Experience

**Arlington ISD** - *High School Science Teacher* Arlington, TX | 2012 - 2015

- Designed and executed engaging science lessons, activities, tests and labs for 160+ high school students per year
- Increased the number of students achieving advance ratings on end of course exams each year by 20%

**UT Southwestern** - *Research Technician II* Dallas, TX | 2010 - 2011

- Cultured bacteria, extracted protein, and ran various lab protocols as member of 4 person lab team
- Successfully visualized the binding of a protein (ChREBP) by applying lab techniques precisely and efficiently

**Church in Dallas** - *Outreach Coordinator* Dallas, TX | 2006 - 2009

- Collaborated with colleagues to plan, market, and carry out Bible studies, lectures, and many other community events
- Led over 15 Bible studies each week

## Education

**Udacity** - Front-End Web Developer Nanodegree October 2015

**University of North Texas** - M.S. Library Science May 2011

**Bible Truth and Church Service Training** - 2 year program graduate December 2005

**University of Texas at Arlington** - B.S. Biology - Magna Cum Laude December 2003

## Honors and Activities

- N.N. Libraries of Medicine Health Information Outreach Scholarship - *Recipient* October 2010
- Arlington Reads Literacy Tutor - *Volunteer* January 2012 - April 2012