

# Owen Shelton

Email: jowenshelton@gmail.com

## EDUCATION

University of Georgia

**Masters Computer Science**

Athens, GA

All But Thesis

Valdosta State University

**Bachelor of Science, Computer Science, GPA 3.8, Honors Graduate**

Valdosta, GA

May 2010

## EXPERIENCE

**Simpson Strong Tie** – (Full time remote; December 2022 – Present)

- Served as a Senior software engineer and dev lead on the CS Director team.
- I help plan out the team's work, fill in technical details, and help make sure the other engineers on my team have what they need to succeed.
- I also lead, advocate for, plan, and implement new feature work and technical improvements..

**Faithlife** – (Full time remote; May 2018 – December 2022)

- Served as a software engineer on the Logos desktop team (~ 2 years).
  - Implemented new features, fixed bugs, and participated in team discussions in Faithlife's Logos application on Mac and Windows.
- Served as a software engineer on the Sermon Tools team.
  - Implement new features, fix bugs, and participate in important discussions regarding Faithlife's Sermons ecosystem.
  - Daily work on react based software components and their integration with Faithlife's desktop, web, mobile applications, and the services that back them.

**Drake Software** – (Full time; August 2013 – May 2018)

- Served as lead programmer of Drake Software's Conversions group.
  - Responsible for maintaining, refactoring, and adding features to our suite of conversion software and our in house data mapping tool.
- I helped other teams that needed an extra skilled hand.
- Reverse engineered and wrote code for consuming and mapping a number of undocumented formats.
- Designed and implemented several projects during my time at Drake software.
  - Implemented a remote document signing application using Typescript, Angular, and a .NET.
  - Reimplemented the tax software's backup/restore tool in C# with support for incremental backups and saving and restoring from Amazon S3.
  - Rewrote my department's data mapping tool to C#/WPF (backed by MS SQL).
- Worked remotely the first six months of my employment.

**Lewis Taylor Farms** – (Part time and as needed; May 2011 – August 2015)

- Sole developer of their C#/WPF and MySQL backed business management applications.

## Other

- Successfully taught introductory programming (Java), Teaching, and C++/Unix courses at UGA.
- Experience implementing image processing and computer graphics algorithms and fundamentals.

## **OTHER EMPLOYMENT HISTORY**

- Instructor, UGA Department of Computer Science, Fall 2011- Spring 2013
- Website Developer, UGA Tifton Georgia Campus, Summer 2012

## **PROGRAMMING**

- **Proficient In:** C#, Typescript, and Javascript, and C++11.
- **Exposure To:** Lua, Ruby, Java, Python, and GDScript.
- **Desktop GUI Experience:** WPF, Winforms, wxWidgets.
- **DB Experience:** MySQL, MS SQL, SQLite, SQLCE.
- **Web Experience:** React, Angular, Node.
- Experience with image processing and computer vision fundamentals.
- Real-time 2D/3D graphics and simulation experience.

## **SOFTWARE EXPERIENCE**

- Have rented and maintained a Linux server that served as a file synchronization and database server.
- Software development experience with Microsoft Visual Studio 2008-2022, VS Code, and Xcode.
- Experience using Git, SVN, and Perforce for personal, academic, and commercial projects.

## **Communication/Organization/Leadership**

- Vice President Valdosta State University chapter of the ACM (2009-2010).
- Accustomed with working with people from different cultures and backgrounds.

## **Awards**

- UGA Department of Computer Science Outstanding Teaching Assistant, Spring 2012
- VSU Department of Computer Science Outstanding Senior, Spring 2010
- Boy Scout Eagle Scout