Owen Shelton

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EDUCATION

University of Georgia   Athens, GA
Masters Computer Science   All But Thesis

Valdosta State University   Valdosta, GA
Bachelor of Science, Computer Science, GPA 3.8, Honors Graduate   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, and SQLite
- **Web Experience**: React, Svelt, Vite, 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