

Lynda Foster

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[Github](#) | [Portfolio](#) | [Blog](#)

Creative, detail-oriented Software Systems Engineer with a deep interest in Cloud Computing.

SKILLS

- **Languages:** Python | Bash | SQL | GitHub
- **Databases:** MySQL | PostgreSQL | Oracle
- **Web/API:** .NET/C# | JavaScript | HTML | CSS | Bootstrap | Regex | Postman | Swagger

EXPERIENCE

Vermont IdeaCompany - Shelburne, VT | Systems Software Engineer | 10/2022

- Extracted and analyzed software requirements from Subject Matter Experts (SMEs) to understand designs, algorithms, and other specifications and prepare systems documentation for the software teams and client
- Authored, maintained, and managed systems documentation such as Software Requirements Specification
- Analyzed MATLAB scripts for translation into pseudocode and executed effective processes for designing, simulating, and testing algorithms
- Built, tested, and validated a Kotlin library that parsed aircraft transponder data and support integration with a distributed Android network
- Analyzed performance using Matlab, identifying potential areas of improvement and proposing improvements/simplifications when necessary

VOLUNTEER EXPERIENCE

Recovering From Religion - Kansas City, KS | Web Developer Volunteer | 06/2022 - 10/2022

- Utilize GitHub to track issues, review pull requests, and resolve merge conflicts.
- Gather requirements from end users to ensure new features are efficiently implemented and maintained.
- Collaborate with a team of 6 developers to maintain, manage, and extend the organization's main management and chat web applications in an agile setting.
- Review, analyze, and develop client-side code in React.ts and server-side code in Node.ts in weekly stand-ups.

CERTIFICATIONS

Splunk Core Power User | ITIL Foundation in IT Service Management | Oracle Database SQL Certified Associate 1Z0-071

EDUCATION

MSc in Data Analytics | Western Governors University | Salt Lake City, UT

BSc in Computer Science and Accounting | Western Governors University, Salt Lake City, UT