

# Lynda Foster

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

## SUMMARY

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Creative, detail-oriented .NET Software Engineer with a deep interest in exploring new technologies. Proven track record of creating and implementing successful full stack web applications and RESTful API services. Looking to bring my skills to a tech company with global reach.

## SKILLS

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- **Languages:** C# | JavaScript | SQL | jQuery
- **MS Tools:** ASP.NET Core MVC | Entity Framework Core | MS Dynamics | MS Azure | SharePoint Online | Active Directory | MS Outlook | Office 365
- **Databases:** MySQL | PostgreSQL | Oracle
- **Other Cloud Application Platforms:** GitHub | Heroku | Splunk
- **Other:** HTML | CSS | Regex | Bootstrap | Postman | Swagger

## EXPERIENCE

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Smoothstack - McLean, VA | Software Engineer | 12/2022 - Present

- Design, develop, smoke test, and deploy fixes and enhancements to Dynamics 365 client code using C#, JavaScript, and jQuery
- Maintain integration between Dynamics 365 and SharePoint Online, Active Directory, Outlook, and Office365
- Implement and improve continuous integration process using Dynamics 365 SDK, PowerShell, Git, and Azure automation
- Prepared weekly technical reports documenting various stages of software development life-cycle from requirements gathering to testing and deployment on the client side
- Participated in continuous process improvement initiatives by identifying opportunities for streamlining processes or increasing efficiency within existing workflows/processes using root cause analyst techniques when applicable

Vermont Idea Company - Shelburne, VT | Systems Software Engineer | 10/2022 - Present

- Develop clear and concise system documentation for software requirements, algorithms, and design specifications
- Built, tested, and validated new RESTful API services using Python to support integration with a distributed Android network
- Implemented algorithms from Matlab into Python and executed effective processes for designing, simulating, testing, and validating algorithms
- Analyze performance using Matlab and Simulink, identifying potential areas of improvement and proposing improvements/simplifications when necessary

## VOLUNTEER EXPERIENCE

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JHQBraille Transcription - Laurel, DE | Braille Transcriber and Proofreader | 09/2016 - Present

- Transcribed mathematics and STEM textbooks into United English Braille and Nemeth.
- Document proofreading notes to ensure code is error free.

# Lynda Foster

- Participate in daily meetings to ensure deliverables are produced efficiently and on time.

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

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

## EDUCATION

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

Technologies: Data Mining via SQL (Oracle 12c), Python (Jupyter), R, SAS Data Visualization in Excel and Tableau

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

Technologies: C++ (Visual Studio), Java (NetBeans and Eclipse), Python (PySpark), MySQL, Machine Learning, Web Development

- Co-created a 9,000+ member community of WGU Computer Science students to foster an environment of student mentoring, resource sharing, and support.
- Authored study guides that are currently distributed as a resource by program coordinators, course instructors, and students.