

# Lynda Foster

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## Summary

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Full Stack engineer with a Computer Science degree, an affinity for learning new technologies, and a specialization in .NET(C#) web/API development.

## Skills

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Languages: C# | JavaScript

Frameworks: ASP.NET Core | Swashbuckle | Entity Framework Core | Dapper | React

Databases: SQL | PostgreSQL | MongoDB

Other: Git | Heroku | Postman | Swagger | Splunk | Regex | HTML | CSS | Bootstrap

## Projects

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[lfost42/brailleAPI](#) | Creator | Open Source

- .NET REST API, manages a database of ascii braille special symbols as defined by the International Council on English Braille.
- Swagger documentation follows Open API Specification standards.

[lfost42/blog](#) | Creator | Open Source | [Website](#)

- ASP.NET Full-stack web application, used as a knowledge base of .NET(C#) coding and web development articles.
- Implements identity/role based access and rendering to limit article permissions to the owner while allowing users to leave comments.
- Google SMTP email service verifies user registration and forwards contact form submissions to the owner.
- Code-first approach using Entity Framework Core and PostgreSQL.

[lfost42/Franchise](#) | Creator | Open Source | [Website](#)

- Full-stack web application that evaluates the coverage health of a franchise by determining which locations (in a provided csv file) are farthest apart.
- Explores Kruskal's Minimum Spanning Tree to filter locations that can pass through other locations.
- Leveraged Unit tests (TDD) to manage scope changes as the app evolved over time.

## Experience

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Benefit Plans Inc, Los Angeles, CA | Employer Services Analyst | 01/2019 - Present

- Developed, implemented, and maintained digital operational procedures that managed \$100M+ in monthly contribution payments to enable remote work.
- Eliminate 40% of the processing time needed to reconcile discrepancies by automating the converting of raw data to readable format using Excel macros.

B'nai Hayim, Sherman Oaks, CA | Technical Coordinator | 04/2018 – 09/2019

- Established a system for financial reporting, database management, and website maintenance to facilitate the merging of two separate organizations.

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- Created knowledge base and trained non-technical staff to independently update their website/database, maintain financial records, reconcile bank accounts, and create monthly financial reports using Quickbooks Online.

## Volunteer

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Congregation Beth Meier, Studio City, CA | Web Developer | 02/2013 - 01/2018

- Created web content on the organization's ongoing and periodic event information to increase engagement among younger families and newer members.
- Perform requirements analysis for the integration of new features and updates to develop solutions in HTML and PHP.
- Install, develop, and apply MachForm and PayPal web payment scripts to the website and email newsletters, which increased donations and membership income by 7%.

## Certifications

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Splunk Core Power User | ITIL Foundation in IT Service Management | CIW Site Development Associate | Oracle Database SQL Certified Associate

## Education

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

BSc in Computer Science and Accounting | Western Governors University, Salt Lake City, UT  
Technologies: C++, Java, Python, MySQL, Machine Learning, Web Development