

# Lynda Foster

[lyndabrf@gmail.com](mailto:lyndabrf@gmail.com) | [Phone](#) | [Portfolio](#) | [LinkedIn](#) | [Github](#) | Burbank, CA | She/Her/Hers

## Summary

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Computer Science graduate eager to leverage my engineering skills in a professional setting; academic and project experience includes 2 years object-oriented programming, 1 year .NET/C# web development, and 2 years SQL and database administration.

## Skills

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Languages: C# | JavaScript

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

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](#)

- ASP.NET 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 (Contractor) | 04/2018 – 09/2019

# Lynda Foster

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

## Certifications

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

## Education

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

Technologies: SQL, Python, R, SAS, Oracle

Relevant Coursework:

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

Technologies: C++, Java, Python, MySQL, Machine Learning, Web Development

Relevant Coursework:

Full Stack Software Engineering Certificate | TrueCoders, Hoover, AL

Technologies: C#, SQL, JavaScript, HTML, CSS, .NET Core, Dapper, Entity Framework, API