Lee Forbes

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Achievements

Dell Achievements

Built a tool that tripled our data stewards' remediation speed, saving us months of work and ensuring we met the project deadline. Distributed to hundreds of Dell employees.

Built a tool to convert a Dell wiki page to Confluence in a fraction of the time. Featured on the front page of the internal wiki and is being considered for a standalone project.

Optimized our team's remediation process using decision trees, enabling me to achieve 150% performance on a weekly basis.

Personal

Pedali iOS App Lead Developer
- Top 200 in Paid Health and Fitness Category in 6 months
- Created to help a friend achieve their 5K running goal

UT Runner and Skate Spots Directory
- Two sites that provide niche information about UT campus
- Encouraged community building by contributing to a shared resource

Work Experience

Capgemini (*Dell Data Steward*) — Nov 2023 - Present

Remediated over 6000 customer data records

MUP Helper - JavaScript Chrome Extension
- 3x data steward efficiency

Dellipedia to Confluence Converter - JavaScript
- Migrate wiki pages to Confluence

Database Retrieval - OracleDB, SQL, Python, DBeaver
- Retrieve critical information to speed up remediation or assist customer escalations

iD Tech Camps (*Instructor*) — June 2022 - July 2022

Taught campers to code with each week's subject matter

Blackbaud (*Software Engineer Intern*) — May 2021 - Aug 2021

Full stack development for their donation forms microservice with CI/CD

Minecraft Plugins (*Freelance Developer*) — June 2020 - Aug 2020

Created minigames, tools, and server management plugins for clients to use on their servers

Omni Flow Computers (*Software Developer Intern*) — June 2019 - Aug 2019 / June 2018 - Aug 2018

OMNICONNECT template editor in with MFC (C++)
Cross-platform mobile app development with Xamarin

Personal Projects

Pedali - https://apps.apple.com/us/app/pedali/id6450684275
   iOS app for custom workout intervals such as HIIT, endurance, and calisthenics
   Converted from UIKit to SwiftUI for modern features and future-proofing

My Website - https://leeaforbes.github.io/mywebsite/
   Portfolio page and a history of my site as I learn web technologies

UT Skate Spots Directory - https://leeaforbes.github.io/utskatespots/
   Find a place to skate in the UT area!

UTRunner - https://leeaforbes.github.io/previouswebsite/utrunner.html
   Generate a loop to run in the UT area

Photo Viewer Reborn - https://leeaforbes.github.io/previouswebsite/photoviewerreborn.html
Learning Java Lesson Sets - https://leeaforbes.github.io/previouswebsite/learnjava.html
Minecraft Plugins - https://github.com/stars/leeaforbes/lists/plugins
Not So Super Smash - https://leeaforbes.github.io/previouswebsite/index_old.html

Skills

Languages: Swift, Java, HTML, CSS, JavaScript/TypeScript, C, C++, C#, Python, SQL, LaTeX, Clojure

Frameworks: SwiftUI, UIKit, Core Data, Angular, Azure + Devops CI/CD pipeline, Spigot/Bukkit, Arduino, Xamarin

Tools: React, Firebase, creating Google Chrome extensions, Git, Xcode, Android Studio, Figma, Google Maps API, Node.js, Docker, GitHub Pages, Windows Forms .NET

Other Skills: Ubuntu Linux, Bash scripting, video/audio editing, woodworking, PC building

Education

B.S. in Computer Science at The University of Texas at Austin, May 2023
3.82 GPA

AWS Certified Cloud Practitioner (CLF-C02), Dec 2023
Microsoft Azure Fundamentals (AZ-900), Mar 2024
Microsoft New Foundational C# Certification, May 2024