

Kelsey Franks

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EDUCATION

B.S. Software Engineering; Human System Engineering Minor May 2024
Arizona State University, Tempe, AZ 3.58 GPA

A.S. Computer Science Dec 2019
Collin College, Plano, TX 3.01 GPA

TECHNICAL SKILLS

Programming Languages: Java, Python, C/C++, JavaScript, VBA, React.js, React Native, SQL

Tools, Databases, and OS: Git, Windows, macOS, Linux/Unix, iOS, Android

Other: Scrum, DevOps, Agile, 3-D printing

ACADEMIC PROJECTS

Memoranda: Transforming a Calendar application to a gym scheduling solution (Java) Spring 2022

- Understanding Existing Codebase: Through reverse engineering and analysis of structural UML diagrams, our team gained insight into the architecture and functionality of the Memoranda software, preparing us for the task of enhancing its features.
- Enhancing into a Gym Scheduling Application: Leveraging existing code while introducing new features tailored to gym management, such as workout scheduling and membership management, we transformed Memoranda into a comprehensive gym scheduling solution.

Excel Property Management Ledger Software Fall 2023

- Developed Excel **VBA** solution for EPM property ledger automation, reducing errors and enabling role-based access control.
- Implemented restricted access for support staff, maintaining read-only ledger view to prevent unauthorized changes.

Battery Management System (C) Spring 2024

- Collaborated with a team on a touch screen Display project utilizing Arduino technology to display battery information
- Led UI design and memory management aspects for the Arduino while contributing to the integration of temperature sensors using a STM32 Nucleo board

WORK EXPERIENCE

Starbucks – Barista Sep 2018 - Current

Barista Trainer, Partner of the Quarter: 2nd Quarter 2022, Partner of the Quarter: 1st Quarter 2023, Coffee Master

Responsibilities

- Communication & customer service
- Work under pressure & at a fast pace
- Frequently lift up to 50 lbs.
- Clean tables and lobby area
- Memorizing beverage recipes and creating handcrafted beverages

Rockwall County Election Office – Clerk (temp) Sep 2016 - Nov 2016

Volunteers seasonally as a poll worker

Responsibilities

- Check in voters
- Verify eligibility
- Register voters
- Update voter information
- Keep the integrity of the vote
- Daily audit log