Kelsey Franks

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OBJECTIVE

Recent Software Engineering graduate with experience in full-stack development and embedded systems. Skilled in Java, Python, and C/C++. Reliable and adaptable team player passionate about creating user-focused solutions and eager to learn new technologies.

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 & Technologies: Java, Python, C/C++, JavaScript, React Native, SQL, Python, HTML, CSS
Tools, Databases, and OS: Git, Windows, macOS, Linux/Unix, iOS, Android
Other: Scrum, DevOps, Agile, 3-D printing, Hardware/Software troubleshooting

PROJECTS

Memoranda: Transforming a calendar application to a gym scheduling solution (Java), Class project   Spring 2022
- Refactored an open-source calendar application to support gym-specific features like workout scheduling and membership tracking
- Reverse-engineered the codebase using UML diagrams to understand system architecture and guide development
- Delivered a functional prototype combining original features with new gym management capabilities

Excel Property Management Ledger Software, Class project   Fall 2023
- Programed **VBA** solution for the property ledger, reducing errors and enabling role-based access control.
- Introduced role-based access by configuring read-only permissions for support staff, enhancing data security

Battery Management System (C), Class project   Spring 2024
- Developed the user interface for a battery monitoring touch screen display using Arduino, focusing on efficient memory management to meet strict design constraints
- Implemented code to interface four temperature sensors with the STM32 Nucleo board, enabling reliable data readings for the Battery Management System

BuckIT website (HTML, CSS, Markdown), Hackathon project
WEHack 2025
- Created a responsive financial literacy website aimed at students during a 24-hour hackathon
- Collaborated with a non-technical team to turn budgeting concepts into clear, accessible digital content
- Deployed the site via GitHub Pages, offering practical saving tips in a clean, mobile-friendly layout

Additional projects available at: krfrank4.github.io

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
- Training and mentoring new partners to uphold customer service and beverage quality standards
- Delivering fast, accurate service in a high-volume setting while maintaining a clean, welcoming store environment
- Recognized for leadership, product knowledge, and consistently excellent customer experience

Rockwall County Election Office – Clerk/Poll Worker/Alternate Judge   Sep 2016 – Present
Seasonal Paid Role
Responsibilities
- Verified voter identity and eligibility using state databases to ensure accurate registration and uphold election laws
- Entered and updated sensitive voter information with precision to maintain clean, audit-ready records
- Enforced procedures protected ballot security and upheld the integrity of the vote during all election phases