FARHAD TAGHIZADEH

(319) 594-8066 | farhad-taghizadeh@uiowa.edu | https://farhadtaghizadeh.github.io/MyWebsite/ | farhadtaghizadeh (github.com)

EDUCATION

The University of Iowa   Anticipated December 2025
Master of Science, Business Analytics   Iowa City, IA

The University of Iowa   December 2023
Bachelor of Science, Computer Science   Iowa City, IA

TECHNICAL SKILLS

Programming Languages: Java, Python, C, JavaScript, HTML/CSS, SQL, PHP, R, Kotlin, XML, MATLAB
Software & Tools: Git, Supabase, MySQL Workbench, UML class and sequence diagrams, JavaDocs, JUnit, Supabase, Cordova, Visual Studio, Android Studio, MS Power Automate, Microsoft Excel, JMP, Tableau, Microsoft Power BI

EXPERIENCE

UI Health Care   December 2024 - Current
Student Data Analyst   Iowa City, IA
- Performed data recombination and generated data tables with target statistics using Python, improving employee work performance transparency
- Transformed 1000+ rows of patient data across 20+ data tables in Excel to chart and graph relevant insights
- Automated organisational data workflow tasks using Power Automate, improving time efficiency

Iowa Collegiate Access Network   June 2025 - August 2025
Application Developer Intern   Iowa City, IA
- Developed mobile app using Cordova framework (HTML, CSS, JavaScript) and Supabase, streamlining the college prep process
- Designed 4 pages with tab-bar navigation as well as a sign-up/log-in page, resulting in an accessible and familiar user interface
- Integrated real-time database connectivity for user profiles and checklists, supporting 4 distinct grade levels and enabling personalized guidance

GreenTree Capital and Asset Management   May 2023–February 2024
Information Technology Intern   Remote
- Contributed to 4 separate website projects for the firm such as those for real estate and financial offerings
- Wrote code for business sites in HTML, CSS, and JavaScript that was readable and easily understandable
- Completed over 5 backend automation tasks using Microsoft Power Automate, improving efficiency across workflow processes

ACADEMIC PROJECTS

Iowa Liquor Sales Dataset Analysis Project | *R*   April 2025 - May 2025
- Analysed dataset containing 30 000 records spread across 24 attributes, such as store location, brand, size, and quantity sold
- Identified patterns in consumer behavior that could inform inventory management strategies using R code
- Generated 18 data visualisations that displayed relevant insights for retailers

Fundamentals of Software Development - Election System | *HTML, CSS, Python*   August 2023–December 2023
- Developed website and database for managing, administrating, and voting in elections
- Built login feature for 3 website user roles: manager, administrator, voter, and developed corresponding website loadouts
- Completed database integration and web architecture to support interaction between structural elements and user instances

Database Systems - Standardized Test Database | *HTML, CSS, SQL, PHP*   August 2023–December 2023
- Programmed website for standardized test database management and data analysis operations
- Implemented data science concepts and algorithms into program processes
- Engineered a database search filtering feature for interface based query operations

Mobile Computing - Autonomous Vehicle Backup System | *Kotlin, XML*   August 2023–December 2023
- Collaborated in a team of 4 to develop an application for autonomous and assisted backup of a model trailer-truck system
- Designed and deployed versatile and ergonomic user experience and user interface
- Wrote comprehensive technical documentation