FARHAD TAGHIZADEH

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EDUCATION

The University of Iowa   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, Apache Cordova, Visual Studio, Android Studio, Microsoft Azure (AZ-900 Certified), Microsoft Power Automate, Microsoft Excel, JMP, Tableau, Microsoft Power BI

WORK EXPERIENCE

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

UI Health Care   December 2024 - December 2025
Student Data Analyst   Iowa City, IA
- Used Python to recombine data and generate statistical tables, increasing transparency in employee performance
- Transformed 1000+ rows of patient data across 20+ data tables in Excel to chart and graph relevant insights using Power BI
- Automated organisational data workflow tasks using Power Automate, improving time efficiency

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

Capstone / Client-Sponsored Analytics Project - Casey's General Stores | Python   September 2025 - December 2025
- Analyzed loyalty program behavior across millions of transactions, creating Python visualisations and Power BI dashboards
- Segmented customers and built 90-day ramp-up metrics, linking early visits to 97% retention
- Assessed digital engagement and app adoption, tying both to increased spend and frequency

Election System Website | 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

Standardized Test Database Website | 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

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