FARHAD TAGHIZADEH

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EDUCATION

The University of Iowa   Anticipated December 2025
Masters of Science, Business Analytics, 3.61/4.00 GPA   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, PHP, Kotlin, XML, MATLAB
Software & Tools: Git, UML class and sequence diagrams, JavaDocs, JUnit, Visual Studio, Android Studio, MS Power Automate
Techniques & Methods: SQL, MySQL Workbench, Microsoft Excel, Tableau, Microsoft Power BI

EXPERIENCE

UI Health Care   December 2024 - Current
Student Data Analyst   Iowa City, IA
- Extracted data from various healthcare data warehouses, such as the hospital's electronic health record, for analysis and reporting that improved the department's operational efficiency.
- Assembled dashboards to enhance time efficiency by providing a consolidated view for all three missions of the department: clinical, research, and education
- Developed standardized visualisation reports using Excel, Tableau, and Power BI that increased data accuracy by minimizing inconsistencies and data entry errors

GreenTree Capital and Asset Management   May 2023–February 2024
Information Technology Intern   Shanghai, CN
- 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 5+ backend automation tasks using Microsoft Power Automate, improving efficiency across workflow processes

Immigration Welcome Network of Johnson County   August 2023–December 2023
Website Manager Intern   Iowa City, IA
- Developed a responsive campaign website with a seamless user interface, integrating server functionality using JavaScript, HTML, and CSS to ensure smooth performance
- Lead a team of 3 as the primary programmer, overcoming design and functionality challenges to create an accessible, user-friendly site that contributed directly to campaign success

ACADEMIC PROJECTS

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

LEADERSHIP EXPERIENCE

Friendship Community Project   September 2017–September 2022
Tutor/Mentor   Iowa City, IA
- Provided weekly tutoring services to 2 immigrant students in English, math, and science
- Tracked students progress and provided regular feedback
- Assisted students in preparation for 3 different standardized tests, achieving 100% rate of success