

Aidana Almazbek kyzy

412-626-8900 | aalmazbekkyzy2@gmail.com | [aidana-almazbek-kyzy](#) | [Aidana0704](#)

Education

University of Houston

May 2026

Bachelor of Science in Computer Science

Houston Community College

May 2023

Associate of Science in Computer Science

Skills Technical skills: Java | Python | C | R | RStudio | JavaScript | HTML | CSS | SQL | MySQL | APIs | React | Git | Linux | Windows | UI/UX | Agile | AWS | Node.js | OOP | Django | Pandas | NumPy | Scikit-learn | TensorFlow | PyTorch | Matplotlib | Seaborn | Neural Networks

Experience

Little STEM Academy — Information Technology Intern

January 2024 – November 2024

- Delivered technical support by troubleshooting hardware, software, and network issues for staff and students.
- Led coding, robotics, and IT workshops while mentoring peers and guiding student projects.
- Designed and implemented engaging STEM activities, improving student learning outcomes.

Revature — Software Developer Trainee

June 2023 – August 2023

- Applied Object-Oriented Programming (OOP) to develop frontend (React, JavaScript, HTML/CSS) and backend (Java) components.
- Built dynamic user interfaces and integrated SQL databases for data-driven applications.
- Collaborated in an Agile environment, contributing to full-stack projects and code reviews.

Projects

Zoo Database System Application

August 2024 – October 2024

- Designed and implemented a relational database system supporting 200+ operations, including exhibits, animal records, employee data, and transactions (tickets, food, gift shop).
- Built a full-stack web application with React and Node.js to provide a seamless interface for zoo staff and visitors.
- Integrated AWS services to improve scalability, reliability, and overall system performance.

Healthcare Data Science Projects

June 2025

- Conducted exploratory data analysis (EDA) on healthcare datasets, identifying key risk factors and patterns.
- Built and compared supervised learning models (Decision Trees, Random Forests, SVM, Logistic Regression, KNN), applying dimensionality reduction (PCA) to handle high-dimensional data.
- Evaluated models using cross-validation and confusion matrices, and visualized results to deliver actionable insights for medical decision support.

Language: English | Russian | Turkish | Kyrgyz