

Abdulaziz Mirsagatov

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Education

University of Cincinnati, OH
Major in Economics, B.A.
Minor in Computer Science

Class of 2025
GPA: 3.98 / 4.00
Dean's List

CS Coursework: Algorithms & Data Structures, Discrete Structures, Programming Languages
Economics Coursework: Business Analytics, Econometrics

Work Experience

Peer Tutor | Learning Commons UC

September 2022 - Present

- Facilitating online and in-person tutoring sessions with college students
- Establishing a safe learning environment for students utilizing strategies learned through professional training

Software Projects

Personal Website: www.mirsagatov.com (for more information on software projects)

Leader & Software Developer | Course Project

- Led the team of 4 in designing, managing, and building of a Biorobot project
- Developed LabVIEW software for the robot's walking, line-following, and lifting mechanisms

Entertainment Web App

- Developed a multi-page web application using React & SCSS that shows movies and tv-series
- Managed state throughout the application using Redux Toolkit
- Implemented single page navigation of the website using React Router library
- Programmed logic for searching and bookmarking of movies/tv-series
- Utilized local JSON file to populate the content on the first load of the website

Connect 4 Game

- Built a two-player, responsive web game using React & Redux Toolkit
- Created the UI of the website using functions and mixins of SCSS for better efficiency
- Implemented the algorithm for making a move and testing for the win and draw conditions

Skills

Programming: HTML & CSS, JavaScript, React, Redux (Redux Toolkit), SASS/SCSS, Node.js (Express.js), Python, C/C++, Git, SQL, MATLAB, VBA, LabVIEW

Languages: English (fluent), Uzbek (native)

Certifications

International A level Certifications in Computer Science - A*, Math - A*, Physics - A*

FreeCodeCamp Certifications in Responsive Web Design, JS Algorithms and Data Structures, and React & Redux

The Complete Node.js Course Certification from "Code with Mosh"