

# Sabuhi Abbasov

https://sabbasov.com

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## EDUCATION

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- **The College of Idaho** Caldwell, ID  
*Bachelor of Science in Mathematics & Computer Science; GPA: 3.56* *August 2024 - May 2027*
  - **Relevant Coursework:** Differential Equations, Applied Databases, Data Manipulation & Visualization, Linear Algebra
- **UWC ISAK Japan** Karuizawa, Japan  
*International Baccalaureate Bilingual Diploma* *August 2022 - May 2024*

## EXPERIENCE

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- **Bon Appetit Management Co.** Caldwell, ID  
*Student Supervisor* *Aug 2025 - Present*
  - **Team Leadership:** Lead a team of 5-6 staff during busy service hours, coordinating tasks and maintaining clear communication to ensure smooth operations and guest satisfaction.
  - **Operations Management:** Focus on solving problems in real-time while ensuring team hits safety and service goals every shift.
- **Innovation & Digital Development Agency** Baku, Azerbaijan  
*Data Analyst Intern* *Jul 2024 - Aug 2024*
  - **Large-Scale Data Processing:** Worked with datasets for over 100,000 users as part of Azerbaijan's national digital infrastructure.
  - **Government Data Analysis:** Used SQL and Python to analyze government-level data while maintaining strict security and confidentiality.
  - **Technical Training:** Completed intensive technical training in data cleaning and system performance optimization.
- **The College of Idaho** Caldwell, ID  
*Technical Support Assistant* *Sep 2024 - May 2025*
  - **Technical Support:** Helped students and faculty solve technical problems with devices and software, supporting Microsoft applications across campus.
  - **Documentation:** Created step-by-step guides and workflows to resolve common issues more efficiently.
- **The College of Idaho** Caldwell, ID  
*Teacher Assistant* *Feb 2025 - May 2025*
  - **Computer Science Education:** Assisted in teaching Computer Science lessons and supported students through difficult coding projects.
  - **Student Support:** Provided debugging support and assignment feedback to help students improve programming skills.

## PROJECTS

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- **AeroGuard:** Aviation safety research tool using FAA data for aircraft registration info, maintenance history, and airworthiness directives with risk scoring system. Built with Next.js, TypeScript, Supabase, and Python.
- **Airport Traffic Analyzer:** Machine learning system for real-time flight delay monitoring and prediction using Random Forest model. Achieved 8.4 minute RMSE accuracy with interactive R Shiny dashboard.
- **Wildwood Property Management Database:** Designed 11-table relational database system to automate manual reporting for 20 apartment complexes with business logic for late-fee calculation and lease tracking.
- **Foodie Social Network:** Full-stack social platform with custom database design for community posts and interactions. Built with Python, Flask, and SQLite.

## PROGRAMMING SKILLS

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- **Languages:** Python, JavaScript, TypeScript, R, SQL, HTML/CSS    **Frameworks & Tools:** Next.js, React, Flask, Tailwind CSS, scikit-learn, Git
- **Databases:** PostgreSQL, MySQL, Supabase, SQLite    **Platforms:** Vercel, R Shiny, Plotly, Linux, Microsoft Excel