

Kasra Bakht

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Education

University of Washington, Seattle, WA

April 2025-Expected Jun 2027

B.S. in Computer Science

Relevant Coursework: The Hardware/Software Interface, Foundations of Computing I, System and Software Tools

Lake Washington Institute of Technology, Kirkland, WA

Sep 2022 – Mar 2025

A.S. in Computer Science

Experience

Whole Foods Market, Kirkland, WA

Grocery Team Trainer/Supervisor

Apr 2023 – September 2025

- Trained and onboarded **15+ new team members** on safety rules, store policies, and stocking procedures, ensuring they fully understood and followed processes.
- Supported team members in learning new skills and tasks by providing guidance and answering their questions to support their development.
- Led monthly training sessions and team meetings focused on safety and skill development.
- Assisted with scheduling, supervising shifts, and delegating tasks as needed.
- Prepared monthly training reports and maintained **100% on-time completion** of all required trainings, with no overdue sessions across the team.
- Recognized as **Team Member of the Year** (2023)

Projects

Personal Finance Tracker (In Progress)

Personal Financial Tracker

Tech: React (Vite), React Router, Context API, Node/Express, REST, MongoDB/Mongoose, JS, CSS

- Built a personal finance app that lets users sign in, add expenses (amount, category, payment method, date), and see them on a simple dashboard.
- Implemented a secure authentication system with full Sign-Up and Login functionality. The Sign-Up flow registers new users by validating input, hashing passwords, and storing user credentials in MongoDB. The Login flow verifies credentials against the database and returns a JWT token for authorized access.
- Created a “Add Record” form with controlled inputs and basic validation, then connected it to the API with fetch and JSON.
- Built a Node/Express server and a Mongoose model that save new records to MongoDB Atlas and return results as JSON.

Word Guessing Game

Word Guessing Game

Tech: JavaScript, HTML, CSS

- Built an interactive word guessing game with dynamic word generation and real-time feedback.
- Implemented per-letter input validation with color-coded responses for correct and incorrect guesses.
- Added a limited-attempts system with message display for game status and remaining chances.

Custom Malloc Implementation

School Project

Tech: C Language

- Built a custom dynamic memory allocator mimicking `malloc` and `free` in C.
- Implemented free lists, block splitting/coalescing, and memory alignment.

Technical Skills

Languages: Java, Python, C, HTML, CSS, JavaScript

Libraries/Frameworks: React, Node.js, REST

Tools: Git, GitHub, Linux (command line, shell scripting)