

Shadman Shahzahan

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Education

Bachelor of Arts in Computer Science
Seattle Pacific University (Seattle, WA)

Sep. 2022–July 2026

- Minor in Data Analytics

Relevant Coursework

- Data Structure
- Data Science
- Machine Learning
- Calculus
- PyTorch
- Statistical Modeling

Experience

Seattle Kraken Teams Store
Sales Associates (Seattle, WA)

November 2023–Present

- Problem-Solving: Resolved customer inquiries and complaints to ensure a high level of satisfaction.
- Team Collaboration: Worked with team members to organize merchandise and streamline the sales process.
- Customer Focus: Assisted over 100 customers per day, ensuring a positive shopping experience.

Open Source AI Hackathon (Microsoft)

May 2024

Project: AI Voice Translator (Redmond,

- Technical Guidance: Provided the team with technical advice concerning speech-to-text conversion and language translation.
- Software Engineering: By creating a Python-based AI voice translator, the product's accuracy and reliability were significantly enhanced.
- Adapting New Technology: Integrating Symbl.ai and OctoAI into our systems for speech and language processing, allowing us to stay in line with the latest industry tools.

Projects

QR Code Generator

June 2024

- Implemented agile development practices in Engineering Methods for the progressive development of the QR code generator.
- Comprehensive testing was carried out on the QR code generation features to ensure that the output is of excellent quality.
- Problem Solving: Resolved issues with color customization and improved the user experience through implemented solutions.

Tic Tac Toe Game | C++, CLion IDE, GitHub

June 2024

- Software Engineering: By applying object-oriented programming principles, developed a robust Tic Tac Toe game.
- Developed game logic for player moves, win/draw conditions, and turn-switching.
- Integrated input validation and error handling to ensure a smoother user experience.

Binary Expression Tree Processor | C++, GitHub, CLion IDE, Docker

May 2024

- Problem Solving: Devised approaches for evaluating and handling arithmetic expressions utilizing binary tree expressions.
- Engineering Methods: Implemented structured techniques to devise and assess the tree traversal algorithms.
- Product Quality: Ensured the accuracy of mathematical calculations through comprehensive unit testing.

Technical Skills

- Languages: Proficient in C++, Python, R, HTML, CSS
- Technologies/Databases: Experienced with SQLite Studio, QT6, WordPress, Balsamiq, CLion, and various IDEs.
- Developer Tools: Git/GitHub, Docker.

Leadership / Extracurricular

- Tutor youth (5-14 years old) in Math & Science.
- Treasurer of the Computer Science Club at SPU.