

FAISAL NUR

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Education

University of Washington Tacoma

Expected 2026

• Bachelor of Science in Computer Science GPA 3.84

Tacoma, WA

• Member of **Brilliant Black Minds (BBM)**, **ColorStack**, and the **National Society of Black Engineers (NSBE)**

South Seattle Community College

June 2023

• Associate of Science in Computer Science GPA 3.65

Seattle, WA

Experience

Microsoft

June 2024 – September 2024

Software Engineer Intern

Redmond, WA

- Designed and deployed a solution on Azure for efficient log file management using C# and Kusto Query, resulting in significantly improved data access speeds and system performance.
- Conducted extensive testing and debugging to ensure seamless integration and high system performance.
- Documented the development process and architecture with comprehensive engineering specifications.

Microsoft

June 2023 – September 2023

Explore Apprentice Intern

Redmond, WA

- Collaborated with a team member to develop a comprehensive metric illustrating the performance of log files transfer and utilized Scope script, Azure Data Factory (ADF), Kusto Query, Power BI, and C#.
- Automated tasks with daily Azure Data Factory pipeline to keep the dashboard updated.
- Presented real-time data insights through Power BI dashboard for engineers to monitor log transfers.

Microsoft & Cyborg Mobile

June 2022 – August 2022

New Technologist Intern

Remote

- Collaborated on a team to create a React app from a FIGMA prototype for students, using React, JavaScript/JXS, CSS, HTML, Git/GitHub, and FIGMA.
- Implemented the frontend, including the user interface design, and actively contributed to the ideation process.
- Documented engineering specifications, conducted user interviews, prototyped, and scoped team projects to meet user needseffectively.

Projects

Dungeon Adventurer Game / Java, SQLite, Serializable, JUnit

March 2024

- Developed a dungeon game where players navigate rooms, facing monsters and collecting potions to aid their journey.
- Implemented character movement, collision detection, and save/load features with Serializable and SQLite, along with hurdles and difficulty levels.
- Collaborated with a team of three, utilizing JUnit for testing and the Singleton pattern for efficient design.

Craps Game / Java, Swing

December 2023

- Developed a Java-based Craps game with Swing UI and MVC architecture.
- Integrated custom dice images and sound effects for an interactive user experience.
- Implemented JUnit tests for reliability, showcasing proficiency in Java, Swing, and MVC design.

Full Stack Employee Management System / Java, JavaScript, React, Spring Boot, SQL

November 2023

- Designed and implemented a dynamic CRUD interface for efficient employee management, demonstrating strong front-end development skills using React.
- Developed and maintained RESTful APIs using Spring Boot, enabling seamless communication between the frontend and backend for adding, retrieving, and deleting employee records.
- Successfully integrated the backend with an SQL database, ensuring data integrity and reliability.

Skills

Software: Java, C#, JavaScript, Python, SQL, React, HTML, CSS, Spring Boot, Java Swing, Git/GitHub, Figma, Junit testing, Azure Data Factory, Kusto Query Language, and Power BI.

Leadership: Collaboration, Strong Communication, Teaching, Problem Solving, and Adaptability.