Ahmad Shahid

ashahid24@ole.augie.edu | +1-605-521-2576 | ahmadshahid.com

EDUCATION

Augustana University
Sioux Falls, USA 2024–2028
Bachelor's studies in Computer Science and Software Engineering + History
GPA: 3.64
Technical coursework: Computer Science I (Python), Computer Science II and III (Java), Intro to Data Science (R), Intro to Statistics using R, Operating Systems (C).

EXPERIENCE

Library Student Worker
Augustana University | June 2026–Present

- Processed daily circulations and room bookings, achieving 100 percent accurate status tracking in output.
- Updated OCLC Digby catalog entries, achieving real-time record accuracy and zero inventory errors in output.
- Managed interlibrary requests via OCLC WorldShare, achieving full material acquisition for patrons in output.

Social Science Office Assistant
Augustana University | Nov. 10, 2025–May 22, 2026

- Administered departmental make-up exams, achieving secure testing environments and 100 percent protocol compliance in output.
- Systematized exam records and faculty schedules, achieving conflict-free appointment tracking in output.

History Preservation Assistant
Augustana University | June–August 2025

- Digitized 60+ years of archival letters, achieving high-resolution repository files for long-term preservation in output.
- Formatted text layout software, achieving a consolidated, print-ready 500-page historical publication in output.
- Rehoused fragile documents and photos, achieving protective archival encasements in output.

PROJECTS

Yahtzee Simulator | Java, JavaFX, FXML
- Built a 2-player JavaFX GUI with reroll logic, achieving 10 dynamic dice values and real-time frequency displays in output.
- Programmed 13-category scoring pipelines, achieving instant score calculations and zero-error rule enforcement in output.

Phone Sales Application | Java
- Structured OOP class hierarchies, achieving formatted catalog listings detailing brand, OS, and price in output
- Built price validation checks, achieving error-free input handling and accurate discounted listings in output.

Deadlock Detection System | Java
- Modeled process-resource allocation graphs, achieving dynamic deadlock detection for circular wait conditions in output.

Contiguous File System Simulator | C
- Engineered a virtual file system over a 200 KB disk, achieving continuous block allocation without fragmentation in output.
- Programmed 4 core file operations, achieving dynamic file persistence and accurate directory tracking in output.

Tic-Tac-Toe Game | Java
- Built a 2-player Java CLI game with a 3x3 grid and enum-based cell states.
- Added move validation, turn switching, and automatic win and draw detection.

SKILLS

Programming
Java, Python, C, R
Development
JavaFX, FXML, object-oriented programming
Library Tools
Digby by OCLC, WorldShare by OCLC

AWARDS

Global Leaders and Impact Scholarship
Augustana University
Jinnah Legacy Scholarship
Augustana University, endowed funding
100% Tuition Waiver
Future World School and Colleges

MEMBERSHIPS

Phi Alpha Theta
Zeta Chi Chapter

PUBLICATIONS

Erastus Timothy Cressey: Witness to a Divided Nation
Plains History
A Quake on the Great Plains
Plains History
Swedona Evangelical Covenant Church: More than a Century of Worship
Plains History
The Social Demographics and Enduring Legacy of the Vietnam War – Will Wright

HISTORY COURSES

History of the American West; West in the World I and II; Confederates in the Attic; United States Since World War II; Digital History; Cultural History of Mexico.