

Chandler A. Guthrie

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SUMMARY OF QUALIFICATION

- Programming Languages used: C, C#, C++, Python, Common Lisp, SML, Assembly
- The ability to apply software engineering design principles shown in projects
- Willing to learn new and more complex subjects to apply knowledge shown in personal projects
- Motivated to accomplish tasks to further expertise in the field

EDUCATION

Bachelor in Software Engineering; GPA 3.7
Washington State University, Pullman, WA
President's Honor Roll

Expected May 2026

Associate in Arts & Sciences
Columbia Basin College, Pasco, WA

May 2021

SKILLS

C, C++, C#; constantly overlooking for successful completion and optimizing time-management by dividing workload. Able to cooperate as a team and provide help when needed as shown in my other experience.

PROJECTS

Concentration Game, Personal Project

- Created a desktop version of the game concentration where a player must flip over two cards and match them and if they do that with all the cards on the table they win.
- Using the skill of C++ in the **Unreal Engine** gave the ability to use **node-based coding** that responds to script based.

Turing Machine, WSU class Project

- Wrote a console-based program in C++ that simulated a Turing machine which contains states, a tape alphabet, blank symbol, input symbols, initial state, final state(s) and a transition function. The tape is restricted and goes infinitely to the right and ends at the beginning of an input string.
- Used the unified modeling language for preparing and completing the project while creating a design and requirement specification document for the program.
- The program requires a formatted definition file and tells the user whether their input string is accepted by that definition.

AWARDS

Awards: Washington State Opportunity Scholar, Hanford Mission Integration Solution Scholarship, Lyle and Betty Appleford Endowed Scholarship

OTHER EXPERIENCE

Walmart, **Personal Digital Shopper**, Pasco, WA

Sep 2020 – Sep 2022

- Perfected the ability to complete tasks as a team, rewarded with a leading position
- Diligently refined time-management providing perfect customer service