

Partial resume & Interview questions I would ask

Summary

- US army veteran and junior in computer science with a background in designing and agile software development cycle in C, Python, and JAVA. CompTIA (SEC+) certified and US security clearance eligible. Highly interested in application cybersecurity in DOD application and software engineering.

Technical Skills

US Security clearance: Eligible to obtain

Languages: C, JAVA, Python, HTML, CSS, LaTeX

Security: SEC+ certified, homeland security, Privacy and censorship, Terrorism

Documentation: LaTeX, Design documents, scientific report writing, MS Office suite

OS: Windows, UNIX

Programming: CERT C secure coding, Agile development cycle, design documents, debugging, data structures, OOP

Collaboration: Team lead, GitHub, git, MS team

PROJECTS

- **Property rental application. C** Designed and Implemented solutions through multiple iterations to improve on previous iterations. The program checks credentials of the property owner, lets the property owner store information about the property(s) into a structure, calculate the total cost of the stay for the renter, and save the data to a file.
 - Validate user input to ensure the correct input at the right time with error handling.
 - Secure programming practice with reusable and modifiable code
 - Through Agile development cycle, implemented new features through different stages of the cycle
 - Designed possible solutions with illustrations and pseudo algorithms
 - **Tic-Tac-Toe game. Python** enabling 2 players to take turns making moves. Program terminates either there are no more moves left or have a winner.
 - Effective use of dictionary to represent the Tic-Tac-Toe board.
 - Validate user input to ensure the player enters the correct input for their move(ex. left-middle)
 - Efficient code logic to toggle the current player , ensuring the flow of the game
 - **Property sorting algorithm. JAVA** Designed and executed a program that takes in a text file that includes information regarding the rate, number of guest possible, number of rooms, and the type of property, and store the information in a doubly linked list to store the property by the lowest number of guest possible. The program then use priority queue to store properties that meets the requirement certain criteria(x number of rooms/cost, etc.).
 - Implemented multiple data structures allowing data manipulations
 - Designed as modifiable and reusable program to fit to the need of circumstances.
1. What are you looking to achieve from this position?
 2. Have you worked in a team setting where you were the team lead? If so, how did you lead your team to success?
 3. There is a project with a bug that nobody can find. How are you and your team going to tackle this bug?
 4. Discuss a project where you must learn a new technology quickly. What kind of approach did you take to learn this new technology?