JENNY JINNI JIANG

COMPUTER SCIENCE

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SUMMARY

Computer Science student at Florida State University with hands-on experience in software development, enterprise IT systems, and infrastructure support through both academic projects and an IT internship. Interested in cybersecurity, networking, and systems research, with a strong desire to contribute to research while continuing to build practical technical skills.

RESEARCH INTERESTS

- Network Security
- Systems Security
- AI Security
- Enterprise Systems

EDUCATION

Bachelor of Science in Computer Science **Aug 2024 - May 2027**
Florida State University, Tallahassee, FL

- GPA: 3.875/4.00
- Honors: President's List (Fall 2024), Dean's List (Spring 2025, Fall 2025)
- Relevant Coursework:

Advanced Algorithms, Theory of Computation, Data Structures II, Full-Stack App Development (C#), Discrete Mathematics II, Computer Organization I.

EXPERIENCE

IT Intern **May 2026 – Present**
SummitCare

- Assisted with enterprise asset management, workflow automation, and customization of internal IT systems to improve operational efficiency.
- Provide technical support for end users by troubleshooting Windows workstations, Microsoft 365 applications, printers, scanners, networking, and peripheral devices.
- Maintain and update the organization's enterprise asset inventory system, ensuring accurate tracking of IT assets throughout their lifecycle.
- Collaborate with IT staff to resolve technical issues, improve operational workflows, and maintain reliable IT infrastructure across multiple healthcare facilities.

PROJECTS

Enterprise Asset Repair Tracking System | PHP, Laravel, MySQL, JavaScript **June 2026 – Present**
IT Intern – SummitCare

- Designed and developed a Repair Tracking Dashboard within Snipe-IT to streamline the refurbishment workflow of enterprise IT assets.
- Enhanced the existing Maintenance Management module by integrating component inventory selection through searchable dropdowns, automatic repair cost calculation, and synchronization with asset maintenance records.
- Implemented workflow automation to update asset statuses, prevent duplicate component assignments, and improve inventory accuracy through seamless integration with the existing Snipe-IT system.

PROJECTS

Cybersecurity Self-Learning **May 2026 – Present**

- Completed OverTheWire Bandit challenges to practice Linux command-line usage, SSH, file permissions, privilege escalation concepts, and basic networking.
- Explored common web application vulnerabilities using OWASP Juice Shop, including authentication flaws, insecure input handling, and common attack scenarios.
- Continuously study networking and cybersecurity concepts through hands-on labs and personal projects outside of coursework.

High-Performance Hashtable Implementation | C++ **Nov - Dec 2025**

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- Engineered a generic, templated hashtable from scratch using separate chaining with linked lists, achieving average O(1) time complexity for insert, search, and delete operations.
- Implemented automatic rehashing with prime number sizing to maintain optimal load factor (<1), ensuring performance stability for scaling datasets.
- Added file I/O features (load/write_to_file) for data persistence and validated correctness through comprehensive unit tests and benchmarks.

Purrfect: iOS Task Companion| Dart, Flutter **Jan - Apr 2026**

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- Designed and developed a native-focused iOS application featuring an original hand-drawn brand identity and a clean, minimalist UI for a personalized user experience.
- Implemented local data persistence using SharedPreferences to ensure user task data remains securely stored on the device across application restarts.
- Integrated iOS local notifications using flutter_local_notifications to handle permission requests and deliver timely task reminders.
- Architected a full CRUD workflow with StatefulWidget, enabling efficient task management, categorization, and real-time status tracking.

Task Manager CLI Application | C#, .NET 8.0 **Jun - Aug 2025**

Florida State University

- Developed a multi-project .NET solution (CLI + class library) following separation of concerns and OOP principles.
- Configured the project for multi-targeting (.NET, Android, MacCatalyst) and managed dependencies professionally with NuGet.
- Utilized Git for version control in a well-documented repository to track development progress.

SKILLS

Programming Language: Python, C++, C#, Java, PHP, Dart

Frameworks & Technologies: Laravel, Flutter, .NET, MySQL

Operating Systems: Linux, Windows, macOS

Cybersecurity: OverTheWire, OWASP Juice Shop, Networking Fundamentals

Tools: Git, GitHub, Visual Studio Code, Snipe-IT, Microsoft 365

ADDITIONAL INFORMATION

- **Languages:** Chinese (Native), English (Fluent)
- **Awards:** President's List, Dean's List