

CHANDLER PRUETT

Computer Science Senior | Florida Atlantic University

GitHub: <https://github.com/CPruett24> LinkedIn: https://www.linkedin.com/in/chandler-pruett-2a1145345?utm_source=share_via&utm_content=profile&utm_medium=member_ios

PROFESSIONAL SUMMARY

Computer Science senior graduating Fall 2026 with academic concentrations in software engineering, cybersecurity, artificial intelligence, machine learning, databases, networking, and algorithms. Hands-on experience developing backend applications, designing databases, building AI-driven software solutions, and troubleshooting enterprise computer systems and servers. Proven technical aptitude demonstrated through independent software projects, and team-based development experience.

TECHNICAL SKILLS

Languages: Java, Python, C++, JavaScript, SQL, HTML, CSS

Frameworks & Technologies: Flask, SQLAlchemy, JWT Authentication, REST APIs

Databases: SQLite, Relational Database Design, Data Modeling

Software Engineering: Object-Oriented Programming, Data Structures & Algorithms, SDLC, Git, GitHub

AI & Data: Artificial Intelligence, Deep Learning, Machine Learning, Data Mining, Data Analytics

Cybersecurity: Network Fundamentals, Authentication & Authorization, Security Engineering

Systems: PC Assembly, Server Assembly, Hardware Diagnostics, Technical Troubleshooting, Windows

PROJECTS

JARVIS AI Platform | Personal AI Assistant | Agent Framework | Independent Project |

<https://github.com/CPruett24/jarvis-ai-platform>

- Developed a local-first AI assistant using Python, Ollama, Faster-Whisper, SQLite, and Streamlit.
- Implemented voice interaction with wake-word detection, speech recognition, and text-to-speech.
- Built persistent memory and conversation context systems using SQLite.
- Created an intent-recognition and command-routing architecture for automation workflows.
- Developed a dashboard for monitoring assistant status, memory, and workspace management.
- Designed the platform for future expansion into autonomous agents, automation workflows, and business operations.

Vehicle AI Diagnostic Assistant | Python | Independent Project |

<https://github.com/CPruett24/Vehicle-AI-Diagnostic-Assistant>

- Designed and developed an AI-powered vehicle diagnostic application featuring a graphical user interface and multiple supporting databases.
- Built diagnostic logic to analyze user-reported vehicle symptoms and generate troubleshooting recommendations.
- Implemented database-driven storage and retrieval of diagnostic information.
- Managed the complete software development lifecycle including architecture, implementation, testing, debugging, and enhancement.

VolunteerHub | Python, Flask, SQLAlchemy, JWT, SQLite | Team Project | <https://github.com/j-bridge/volunteerhub.com>

- Developed backend functionality for a volunteer-opportunity platform modeled after modern job-search applications.
- Designed SQLAlchemy database models and backend architecture supporting user and organization workflows.
- Developed RESTful API routes and Flask blueprints to support application functionality.
- Implemented role-based authentication and authorization using JSON Web Tokens (JWT).
- Collaborated in a team-based GitHub workflow utilizing version control, testing, and code reviews.

EDUCATION

Florida Atlantic University

Bachelor of Arts in Computer Science with Cybersecurity and AI Minors | GPA: 3.74 | Expected

Graduation: Fall 2026

Eastern Florida State College

Associate in Arts | December 2023 | GPA: 3.89 | Honors Graduate

RELEVANT COURSEWORK

Data Structures & Algorithm Analysis, Design & Analysis of Algorithms, Principles of Software Engineering, Introduction to Artificial Intelligence, Introduction to Deep Learning, Introduction to Database Structures, Communication Networks, Foundations of Cybersecurity, Introduction to Data Science Analytics, Introduction to Web Programming, Computer Logic Design.

Upcoming: Artificial Intelligence for Cybersecurity, Introduction to Data Mining & Machine Learning, Mobile App Projects, Security Engineering with Generative AI.

PROFESSIONAL EXPERIENCE

Contec Americas — Electronics Assembler / Summer Intern

Aug 2023–Aug 2024 | May 2025–Aug 2025 | Dec 2025 | May 2026–Aug 2026

- Assembled computers, servers, monitors, and specialized electronic systems by following detailed work instructions, engineering specifications, bills of materials, and process documentation.
- Verified component part numbers, hardware configurations, and assembly requirements against technical documentation to ensure product accuracy and compliance.
- Performed assembly, integration, and inspection of computer hardware, subassemblies, and mechanical components using hand tools, power tools, fixtures, and templates.
- Conducted functional testing, inspections, and validation activities to verify system performance, identify nonconforming materials, and support corrective action processes.
- Supported work-order kitting operations by organizing and preparing components, accessories, and materials required for production builds.
- Packaged and prepared completed computer systems and electronic equipment for shipment while ensuring proper configuration and quality standards were maintained.
- Worked within ISO 8 anteroom and ISO 7 cleanroom environments while adhering to contamination-control procedures, PPE requirements, and manufacturing quality standards.