

JOEY O. TAYLOR

Computer Software Engineer

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SUMMARY

As an aspiring software engineer, I am passionate about using technology to solve complex problems and create meaningful solutions. I'm continuously honing my programming, system design, and problem-solving skills, focusing on writing clean, efficient code. Whether it's learning a new language or diving into a challenging project, I love the process of exploring how tech can transform the world around us and hope to contribute to its growth.

EXPERIENCE

Consulting Software Engineer

The Hoda Law Firm

11/2024 – Present New Orleans

- Developed and optimized legal case management software using tools like Nolo, Relay, Airtable, and Make to streamline operations and client communications.
- Automated workflows and integrated data pipelines, enhancing communication and collaboration between attorneys and potential clients.
- Reduced manual processes by implementing workflow automation, increasing team efficiency and operational accuracy.
- Ensured data security and compliance while designing scalable solutions tailored to legal industry needs.

Software Engineer Intern

Lagniappe Law Lab

08/2022 - 08/2023 Remote

- Utilized Python and a proprietary system to build reliable automated eligibility determination systems, assisting users in identifying appropriate services based on Louisiana and federal law.
- Developed tools that dynamically generated court documents, including letters and motions, tailored to individual cases and compliant with jurisdictional regulations.
- Collaborated with legal teams to refine automation workflows, ensuring high accuracy in legal documentation and eligibility criteria.
- Enhanced system efficiency by implementing data validation checks and error handling, reducing errors in document generation and user eligibility assessments.
- Participated in Scrum meetings with fellow team members and supervisors to collaborate and receive input to maximize the quality of our product.

Computer Lab Technician

Southeastern Louisiana University

08/2021 - 05/2022 Hammond, LA

- Monitored lab equipment performance and conducted regular maintenance to ensure seamless operation of computers, printers, and network connectivity.
- Configured and updated system settings on lab computers to optimize performance and support coursework-specific applications.
- Maintained inventory of lab equipment and coordinated with IT staff for replacements and upgrades, ensuring lab resources were up-to-date and functional.
- Assisted users with software installations, updates, and configurations, maintaining compliance with institutional IT policies and licensing agreements.
- Responded to and resolved request tickets efficiently, addressing various technical issues to minimize the time of outages.

EDUCATION

Master of Science in Computer Information Systems - Cybersecurity

Southern University - New Orleans

08/2024 - Present New Orleans, LA

Bachelor of Science in Computer Engineering

Southeastern Louisiana University

08/2018 - 05/2023 Hammond, LA

PROJECTS

Dorsal Venous Scanner Interface

08/2021 - 05/2022

Dorsal Venous Scanner Hardware Designer

08/2021 - 05/2022

Various Eligibility Legal Systems

08/2022 - 08/2023

Tire Shop Inventory Management System

11/2023 - 04/2024

To view more of my projects, check out my [GitHub](#).

SKILLS

- | | |
|---------|--------------------|
| Python | C++ |
| Java | C# |
| SQL | JavaScript |
| Testing | Debugging |
| Agile | Project Management |

ACHIEVEMENTS

Hand-Held Scanner for Dorsal Venous Network Pattern Identification

- Accepted/Presentations: **241st Electrochemical Society Meeting**
- Accepted/Presentations: **7th Annual Louisiana State University-Shreveport Regional Student Scholars Forum**