Jennifer Broxson

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Education

University of Louisiana at Lafayette   *Graduation: August 2025*
Bachelor of Science, GPA: 3.7
- Major: Computer Science | Concentration: Cyber Security | Minor: Informatics

Professional Experience

Software Implementation Consultant
Fast Enterprises   *Summer 2023*
- Optimized SQL queries by restructuring subqueries into joins and minimizing nested logic, significantly improving database performance
- Conducted thorough testing and validation of software components to identify and resolve issues prior to rollout
- Executed rigorous functional and integration testing of software components to ensure reliability and prevent issues before deployment
- Collaborated with cross-functional teams and our client to communicate technical progress, resolve implementation concerns, and iterate on solutions based on stakeholder feedback

Junior Web Developer
Burning Stick Creative   *Summer 2022*
- Developed and maintained front-end features using HTML, CSS, and JavaScript to improve user experience across client websites
- Implemented on-page SEO strategies, resulting in improved search rankings and increased client site traffic
- Assisted in debugging and testing new features, contributing to the timely delivery of projects aligned with Q3 business objectives
- Analyzed multiple options of clients' queries allowing Account Executives to present the most advantageous choices

Paralegal
Domengeaux Wright Roy & Edwards   *2006 - 2017*
- Managed end-to-end lifecycle of all legal documents, including drafting, organizing, and tracking contracts and supporting exhibits for litigation or negotiated resolution
- Conducted extensive legal research on relevant statutes, case law, and prior Orders of the courts for client case files to fully support our clients' claims
- Acted as the central point of communication between legal, healthcare, insurance, and government entities, ensuring contract terms and case elements were accurate and on track for the next phase of litigation
- Prepared content specific case files enclosing supporting documents, photographs, and other exhibits for use during trials and hearings

Paralegal Intern

William N. Gee III, 2006
- Spearheaded the implementation of a new organizational software for the firm that amassed each team members' daily agenda and tasks, which included multiple deadlines for each of the firm's 200 clients, thereby streamlining the firm's performance and improving overall productivity
- Prepared, organized, and filed legal documents with multiple court jurisdictions, ensuring compliance with all procedural deadlines.
- Conducted client intake interviews, assessing potential cases for financial viability exceeding $500,000 and identifying associated risks.

Professional Development
- **Scholarship Awardee** – International Conference on Software Engineering   *2024*
- **Scholarship Awardee** – Women in CyberSecurity Conference   *2023, 2024*
- **Scholarship Awardee** – AnitaB.org Grace Hopper Celebration   *2023*
- **Mentee** – Microsoft Reach Design Mentoring Program   *2021*
  - *Connected with numerous Microsoft employees to expand my knowledge on how UX and UI can be implemented on GUI applications and how that translates to a programmer's design of their code*

Projects
- **Predicting Attrition: A Machine Learning Approach to Retaining Top Talent**
- **Deep Learning Model Optimization of CNNs for Medical Imaging**

Affiliations
- **Member** – AnitaB.Org (Houston Chapter)   *2023 – present*
- **President** – Women in CyberSecurity   *2022 – 2024*
- **Chair** – Association for Computing Machinery – Women   *2021 – 2024*
- **Member** – Institute of Electrical and Electronics Engineers   *2021 – 2024*

Skills
Legal Tools: Westlaw, LexisNexis
Languages: SQL, Java, Python, C++, HTML, CSS, Visual Basic, Verilog
Developer Tools: Linux, Git, GitLab, Django, JetBrains, VS Code, Colab, SSMS