

PEYTON SALVANT

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SUMMARY

Motivated and detail-oriented computer science student with strong skills in software engineering, project development management, data analysis. Skilled in various programming languages and databases. Looking to leverage my skills and experience to drive innovation and growth in a software engineering role.

EDUCATION

Bachelors of Computer Science, The University of Alabama Expected 2025
Relevant Coursework: Database Structures, Algorithms, Software Design, Code Theory. GPA 3.328/4.000

Minor in Mathematics, The University of Alabama Expected 2025

SKILLS

Languages: C, C++, Python, JavaScript(Angular), HTML, GoLang

Databases: MySQL, MongoDB

Tools/Technologies: Linux CLI, Windows CLI, JetBrains, Visual Studios, LaTeX, Git

EXPERIENCE

Contracting Business Owner Aug 2023 - Current
Alljoy Bike and Beach Rental *Baton Rouge, LA*

- Developed and launched a bike rental service, managing an inventory of over 80 unique items, with efficient tracking and streamlined rental processes.
- Integrated the QuickBooks Online (QBO) API with Zapier and DocuSign for seamless financial and document management, ensuring real-time tracking and data synchronization.
- Customized the website through injected JavaScript and CSS to enhance user experience and meet specific client requirements, creating a responsive and user-friendly interface.

Project Development Management Intern Dec 2022 - June 2023
UpWork *Remote*

- Involved in the design and development of software products; automated installation and testing processes to reduce testing time by 30
- Assisted clients with technical issues and worked closely with lead developers to relay important information, resulting in timely issue resolution and improved client satisfaction.
- Provided key support to project managers by conducting research, analyzing data, and preparing reports, resulting in a 20% improvement in project efficiency.

PROJECTS

GoLang Template Handler. Pioneered a new way to test HTML, by implementing data-driven for generating HTML output safe against code injection. Provides the same interface as the template.(Try it here)

Bike Shop Rental Website with POS System. Conceived and executed a comprehensive bike rental website incorporating a Point of Sale (POS) system and inventory management features. Integrated various APIs for enhanced functionalities and employed advanced database management techniques. The platform streamlined the rental process, provided real-time inventory updates, and improved the overall customer experience.

HuffTreeGen. Designed and implemented a Huffman Tree generator in C++, capable of taking level order and inorder sequences as inputs. The application effectively constructs an efficient Huffman Tree, which is critical for data compression tasks. This project showcases understanding of tree data structures, algorithms, and C++ programming language, as well as an appreciation for optimizing data storage and retrieval processes.

LEADERSHIP AND EXTRA-CURRICULAR ACTIVITIES

- Led efforts as Philanthropy Chair for Phi Kappa Psi, organizing a record-breaking car wash fundraiser for Hunter's Pledge that raised 20 times the previous amount for the fraternity.
- Guided a team of cross-functional students to successfully complete a semester-long project, ensuring each team member understood and effectively fulfilled their role.
- Develop and maintain websites for small businesses, including AllJoy Donuts Co and Salvant Environmental Services.