

Jakob C. French

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EDUCATION

University of Alabama, Tuscaloosa AL | August 2019 - May 2023

Bachelor of Science in Management Information Systems

Certifications: AWS Certified Cloud Practitioner, CS50 Programming with Python - Harvard Online, CS50 Programming with SQL - Harvard Online

SKILLS

Programming Languages: Java, Python, C#, C++, Microsoft SQL, HTML, CSS

Data Technologies: Data migration, Data integration, Data privacy compliance, & Encryption

Frameworks & Tools: Git, GitHub, Agile, & System Integration Testing/Unit Testing

Business Strengths: Requirements gathering, solution demonstrations, cross functional collaboration, client facing technical support, Strong written and verbal communication

EXPERIENCE

Fast Enterprises, Denver CO – *Software Implementation Consultant* | August 2023 - June 2025

- Collaborated with state agency clients to support the implementation of large scale enterprise software for a brand new core product.
- Participated in client meetings to gather requirements and document technical needs, ensuring that project goals aligned with business objectives.
- Drove full-stack development of enterprise software solutions for the Child Support application using object-oriented principles in C#, contributing to the design, implementation, and delivery of core functionality in alignment with client requirements within an Agile development lifecycle.
- Gained exposure to the full software development lifecycle including demos to clients while learning how to bridge technical solutions with real world client use cases.
- Developed secure account sharing functionality that allowed users and organizations to grant and manage role based access across portals (e.g., employers granting payroll firms access, or parents delegating case access to guardians). Frontend via Java and C# & SQL backend integration.
- Co-developed “Archie”, a machine learning chatbot, to improve customer support for users.
- Wrote and optimized SQL queries for backend data processing, ensuring high performance and reliability across large scale data operations through web requests including hashed SSN protection.
- Lead efforts in Unit Testing to validate end to end functionality, identify over 250+ bugs/errors which ensured a much more smooth system performance across the entire Child Support application.

Kirkland & Ellis, Chicago IL – *Knowledge Services and IT Intern* | June 2022 - August 2022

- Supported firm wide transition from legacy 2013 software systems to updated 2019 operating systems, improving overall performance.
- Partnered with the IT department to build internal database request forms with front end tools to streamline firm wide data access.
- Provided detailed business and legal research directly to several litigation teams using various analytical tools and data sources.

Max Digital, Chicago IL – *Digital Project Intern* | May 2021 - August 2021

- Cleaned and restructured 2,000+ dealership datasets in Excel and Google Sheets modernizing data workflows for approximately 500 car dealerships in the Chicago land area.

PROJECTS

Professor & TA Scheduling System | JavaScript, HTML, CSS, SQL

- Worked closely with faculty to rebuild the University of Alabama's College of Business scheduling system for professors and TAs, leading requirements gathering with faculty to capture needs and improvement.

Portfolio Website | JavaScript, HTML, CSS

- Developed and deployed a personal portfolio website featuring responsive design, GitHub integration ensuring seamless updates and a modern, mobile friendly user experience.

HONORS & ACTIVITIES

Founder of Non-Profit - \$125 for 100, Kevin Caines Award Winner, National Merit Scholarship Recipient, President's List, Dean's List, & AIMS (Alabama Information Management Society)