CLINTON BAKER

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EDUCATION

Arizona State University - Data Science (BS) **Tempe, AZ / Remote** Expected 2026

- Coursework emphasizes data analysis, machine learning, programming, and statistics.
- Gained hands-on experience working with Python, SQL, and data visualization tools.
- Developed predictive models, cleaned and analyzed large datasets, and applied statistical methods.

SKILLS

- **Languages:** SQL, Python, JavaScript, R, HTML, CSS, Java, C++
- **Tools & Libraries:** Pandas, NumPy, Plotly, Jupyter Notebooks, React, Node.js, FastAPI, Next.js
- **Databases:** PostgreSQL, MySQL, MongoDB, Supabase, Neon DB
- **Business & Ops:** Sales analytics, Forecasting, CRM systems, ETL processes, REST APIs, Data warehousing

EXPERIENCE

JLB Companies - Data Systems Engineer **Salt Lake City, UT / Remote** Dec 2023 - Jan 2026

- Architect and maintain high-volume data ingestion pipelines, ensuring reliable and scalable data flow.
- Consolidate and clean operational data via automated ETL workflows, unifying disparate inputs into a centralized Supabase PostgreSQL environment.
- Implement OCR-based ingestion workflows using the Google AI API, extracting structured data from scanned forms and integrating it directly into automated pipelines.
- Build internal web tools with Next.js that allow stakeholders to securely upload, edit, validate, and visualize data in real time.
- Develop Jupyter Notebook workflows using pandas and Plotly Express to analyze trends, generate operational insights, and support leadership decision-making.

The Global Career Accelerator - SQL & Python Trainee **Remote** Sept 2025 - Dec 2025

- Analyzed real-world datasets in Jupyter Notebook, producing actionable insights and recommendations.
- Communicated data analysis results verbally, in writing, and by creating visualizations in Plotly.
- Collaborated with a diverse global team to complete tasks and deliver timely and accurate projects.

V School Coding Bootcamp - Junior Web Developer & Teaching Assistant **Remote** Oct 2023 - June 2024

- Implemented industry best practices and practical software development standards with a focus on JavaScript, React, Node, REST APIs, and MongoDB.
- Taught and supported students in their coding journey as a teaching assistant.

PROJECTS

OCR PDF Automation Ingestion - https://github.com/ClintBaker/ocr-production-data Jan 2025 - Present

- A demo of a business application built with Next.js, TypeScript, Google Generative AI, and a PostgreSQL database that streamlines custody and control ingestion as an example of OCR possibilities in a modern workflow. It ingests PDF forms, uses Google Gemini AI to extract structured data, and provides a centralized dashboard for data management. Video overview: https://www.youtube.com/watch?v=onxq0dvl5k4

PGA Tour Analysis (Python) - https://github.com/ClintBaker/pga-tour-analysis Feb 2026

- Analyzed PGA Tour data to identify which strokes gained metrics most associated with stronger finishes.
- Covered data cleaning and validation, exploratory data analysis, correlation analysis, linear regression modeling.
- Live HTML: https://clintbaker.github.io/pga-tour-analysis/pga_tour_analysis.html Video Overview: https://www.youtube.com/watch?v=UdU8Gl5tV3o

Student Analysis (R) - https://github.com/ClintBaker/student-academic-performance-analysis Feb 2026

- Explored which student factors are associated with academic outcomes, using a 7,000 row dataset.
- Cleaned data, performed exploratory data analysis, feature engineering, and multiple linear regression models.
- Video Overview: https://www.youtube.com/watch?v=LFD-I6VyNJw