Dixon Crews

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Education

North Carolina State University   **Raleigh, NC**
Master of Computer Science   *May 2016 – May 2017*

Bachelor of Science, Computer Science   *August 2012 – May 2016*

Experience

Gusto   **Raleigh, NC (Remote)**
Staff Data Engineer   *November 2025 – Present*
  → Support the data requirements of Gusto Retirement products

Guideline (acquired by Gusto)   **Raleigh, NC (Remote)**
Staff Data Engineer   *December 2023 – November 2025*
  → Implement clustering strategy on heavily used BigQuery tables to reduce cost by 85%
  → Create batch process to sync 750k+ participant records to Salesforce daily
  → Integrate with Honeycomb to improve discovery & resolution of data issues
  → Contribute object creation logic and API interfaces to real time Salesforce data sync app
  → Investigate and fix performance issues/bugs in legacy Scala data load process, reducing runtime by 40% and eliminating five year old silent errors

Senior Data Engineer   *January 2022 – November 2023*
  → Lead migration from Fivetran to Datastream for most business critical tables, reducing cost by $75k
  → Contributed to initial use of *dbt* by creating & maintaining views, tables, and incremental models, along with support & training of new *dbt* users
  → Implemented time saving and secure solution for automatically granting & revoking access to BigQuery datasets

SAS Institute   **Cary, NC**
Systems Architect, API Platform Engineer   *June 2021 – January 2022*
  → Contributed to research & initial implementation of an API Management solution for a new interactive version of developer.sas.com

Solution Consultant   *April 2019 – June 2021*
  → Served as SAS Technical Lead for multiple customer projects (State of NC GDAC, State of Wisconsin DHS)
  → Lead the first design & implementation of data access REST APIs for NC GDAC (using Apigee & SAS Viya)
  → Designed & implemented ETL for various projects including the Common Follow-Up System and eProcurement
  → Administered SAS software deployments & managed customer data including row-level security
  → Coordinated with project managers, analysts, and quality assurance throughout each project

Senior Associate Technical Consultant   *June 2017 – March 2019*
  → Completed the SAS Technical Enablement Academy for Consulting, gaining SAS certifications and completing case studies on varied topics including SAS Programming, Data Management, Visualization, etc.

(Prior experience available on LinkedIn)

Skills

Programming: Python, SAS, Scala   **Data Management:** BigQuery, dbt, MySQL, Spanner
CI/CD: GitHub, Jenkins, Azure DevOps, SVN   **Cloud:** GCP, Linux, Docker/k8s, bash/cron
Data Tools: Fivetran, Datastream, Beam/Dataflow   **Project Management:** Jira, Confluence