

# Kalee Li

Data, Solution, and Process Engineer and Analyst

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East Brunswick, NJ, 08816, United States

I am a junior data, Solution, and Process Engineer specializing in data infrastructure, technical solutions, and process optimization. I am skilled in Python, R, SQL, JavaScript, and Tableau. I analyze systems, identify bottlenecks, and automate workflows to enhance efficiency and enable data-driven decisions.

## Technical Skills

- Programming Languages: Python (Pandas, Matplotlib, NumPy), R, JavaScript, C++
- Databases & Warehousing: RDBMS (SQL, MySQL, SQLite), NoSQL (MongoDB, Mongoose, Firebase), BigQuery
- Data Engineering: ETL, Data Pipelines, Data Transformation, Web Scraping (Selenium, BeautifulSoup), API Wrapper/Crawler (e.g., asyncpraw, tweepy, pytrends, Jikan)
- Data Analysis & Mining: Clustering, Trend Analysis (Google Trends API/Pytrends), Classification, Text Mining
- Visualization & Reporting: Tableau, Power BI, Excel, Google Sheets, ggplot (R), Genially, Figma, LucidChart
- Frameworks & Tech: Express.js, Angular, Node.js (MEAN Stack)
- Tools & Environments: Codio, Visual Studio, Eclipse, Jupyter Notebook, Colab, MS Office, MS Power Platform, Google Workspace, PyCharm, VS Code, App Script
- Project Management: SDLC | Agile (Scrum) | Waterfall

## Volunteer Experience

Data and Solution Engineer & Process Automation Specialist

Oct 2024 - Present

Cooledtured Collection | Remote

Data & Solution Engineer, Process Automation with experience in system architecture, data engineering, and workflow automation. Skilled in designing data pipelines, developing automation solutions, and optimizing processes. Ability to lead projects, identify bottlenecks, and implement data-driven strategies for operational efficiency.

- Competition Analysis for Inspiration - Analyzed competitor strategies in audience engagement, physical presence, and employee satisfaction to understand their impact on consumer loyalty.
- Social Media Content Analysis - Analyzed Instagram content to evaluate engagement strategies, audience interactions, and content performance, providing insights to optimize social media marketing efforts.
- Data Team Optimization Strategy Project - Restructured the data team by standardizing deliverable quality and implementing training resources to improve team skills and ensure consistent project performance.
- Bottleneck Analysis for Content Creation Team Project - Identified inefficiencies and implemented process improvements.
- Automated Content ELT Pipeline Project - Built a pipeline for efficient data extraction, transformation, and loading.
- Forms Tracker Project - Developed a system to enhance data reporting.
- RecruitmentFlow Automation Project - Developed a hybrid module to automate recruitment workflows, improving efficiency while maintaining flexibility in the process.

## Soft Skills

Active Listening | Critical & Analytical Thinking | Problem Solving | Collaboration | Communication | Creativity | Decision-Making | Leadership | Teamwork | Time Management

## Education

Southern New Hampshire University

Mar 2025

Bachelor of Science in Computer Science

## Coursera Certificates

[Google Data Analytics Professional Certificate](#) 

Oct 2024

[Google UX Design](#) 

Jan 2025

IBM Data Engineering & IBM Full-Stack JavaScript Developer

(In Progress)