# DYLAN KAYYEM

SOFTWARE ENGINEER

## CONTACT


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## ABOUT ME

Software Engineer with a profound passion for programming, seeking to leverage diverse experiences in innovative and impactful software development projects. Committed to applying analytical skills and problem-solving abilities to drive technological advancements.

## SKILLS

Java, Javascript, HTML, CSS, Python, Python-based libraries, SQL, MySQL, SQLITE, PostgreSQL, SQLAlchemy, C/C++, React, Flask, Render, Relational Databases, GIT, Github.

## EDUCATION

### University of Colorado, Boulder | Bachelor of Science in Applied Computer Science

(JAN 2021 – DEC 2023 | BOULDER, CO)

### BrainStation | User Experience Design Diploma

(JAN 2021 - APRIL 2021 | ARVADA, CO)

### University of Colorado, Boulder | Bachelor of Arts in Philosophy & Psychology

(JAN 2011 – DEC 2018 | BOULDER, CO)

## EXPERIENCE

### Measure Technician | Home Depot (HDMS)

(OCT 2021– PRESENT | BROOMFIELD, CO)

- In-home advisor and flooring associate for Home Depot Measurement Services. Detailed floor measurements and created quotes through a HD Salesforce app.

### Driver (DSP) | Amazon

(JULY 2020 – JAN 2021 | ARVADA, CO)

- Delivered packages by meticulously following customer support policies and delivery preferences for multiple different areas in the Denver, CO area.

### Direct Care Professional (DCP) | Devereux, Advanced Behavioral Health

(FEB 2019 – JULY 2020 | WESTMINSTER, CO)

- Awarded Leader of the Month & Most Positive Personality of 2020.

## PROJECTS

### Healthcare Database | University of Colorado, Boulder

(AUG 2023 – DEC 2023 | Pinned on Github)

- Engineered a MySQL database to map hospital entity relationships, utilizing a Python stack in Jupyter for complex SQL queries with SQLAlchemy.

### Blood Bank Database | University of Colorado, Boulder

(JUNE 2023 – AUG 2023 | Pinned on Github)

- Created a web-based system for blood bank operations, with features for data verification, patient-to-donor matching, and inventory visualization, employing SQLite, PostgreSQL, and Flask for robust data handling and user interaction

### Data Mining Energy Trends | University of Colorado, Boulder

(AUG 2023 – DEC 2023 | Pinned on Github)

- Analyzed global energy trends using SQL and Python, including Pandas and NumPy, to execute data cleaning, preprocessing, and integration, with visualizations highlighting key consumption and production patterns.