

# David Day

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## CAREER PROFILE

Computer Science candidate experienced in a variety of frameworks and languages. Strong analytical skills with a detail orientated mind able to solve a multitude of complex problems. Adaptable and versatile in agile projects with concrete interpersonal skills. Highly motivated to perform both as a team member and as an individual. Competitive mindset to excel in everything I do.

**Proprietary Software:** VS Code, IntelliJ, CLion, Linux    **Web Technologies:** JavaScript, HTML, React, Swing  
**Databases:** MySQL, MongoDB    **Programming Languages:** C++, Java, Bash, Python

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## EDUCATION

**BAYLOR UNIVERSITY**- Waco, TX

May 2025

**Bachelor of Science in Computer Science**

- GPA: 3.48
  - Dean's Scholarship
  - **Relevant Coursework:** Software Engineering, Algorithms, Operating Systems, and Data Communications
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## EXPERIENCE

**Data Warehouse Analyst**—Dallas, TX

Summer 2024

**Lengenuity LLC**

*Automobile Finance Company*

- Ensured 100% data integrity throughout the data warehouse
  - Analyzed inception to date loan data for a \$20mm auto loan portfolio
  - Detected and corrected inaccurate daily files preventing reconciliation of loan data
- Analyzed data processing stored procedures
  - Discovered and corrected a flaw in data collection that created duplicate records
  - Expressed proficiency in Asure, SQL, and Data Analysis
- Reconstructed monthly 3<sup>rd</sup> party loan servicing reports from data warehouse
  - Expanded daily portfolio monitoring capabilities for Senior Leadership

**Lead Project Manager** – Waco, TX

Spring 2023

**Baylor Software Engineering II**

- Guided the team to success by increasing communication frequency by 30%
  - Applied Agile methodologies like scrum meetings and sprint planning
- Leveraged technologies such as Spring, React, REST, GCP, and MySQL to deliver a robust application
  - Utilized Gradle to manage project builds and dependencies efficiently
- Made SDs, SSDs, along with fully dressed use cases to communicate project with 4+ people
  - Demonstrated functionality effectively using UML diagrams and software design principles
  - Communicated fluency in modern software design patterns

**Data Analyst/Researcher** – Waco, TX

Spring 2024

**Baylor Baseball**

- Utilizing Hit-tracks data I created a Markov Model of pitch sequencing
    - Provided coaches with successful pitch sequences for each pitcher
  - Accessed remote servers and data via SSH for secure operations and maintenance
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## ADDITIONAL

- Baylor Club Baseball – member
- Baylor ACM Chapter member