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: Visual Studio, IntelliJ, CLion **Web Technologies**: JavaScript, HTML, React
Databases: MySQL, MongoDB **Programming Languages:** C++, Java, Bash, Python

EDUCATION

BAYLOR UNIVERSITY- Waco, TX **May 2025**

Bachelor of Science in Computer Science

- GPA: 3.42
- Dean's Scholarship
- **Relevant Coursework**: Software Engineering, Algorithms, Data Mining, and Data Communications

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 3rd 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 spring planning
- Leveraged technologies such as Spring, React, REST, GCP, and MySQL to deliver a robust application
- 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
- Extrapolated new constants for formulas to calculate certain statistics
  - Hard hit balls specifically had a significantly lower threshold than MLB standards

ADDITIONAL

- Baylor Club Baseball – member
- Baylor ACM Chapter member