# Daniel Patterson

Building Innovative Software Solutions

San Antonio, TX 78245
+1 (936) 552-6546
dthomaspatterson91@gmail.com
DPatterson-ResumeWebsite.com
DPatterson-Linkedin.com

**OBJECTIVE**

Analytical, inquisitive computer science specialist skilled in leadership, with a strong foundation in math, logic, and cross-platform coding. Seeking to leverage solid skills in collaboration, communication, and development, while utilizing cutting-edge technologies to build innovative software solutions as a programmer.

**EDUCATION**

**UNIVERSITY OF TEXAS, SAN ANTONIO**

Bachelor's Degree In **Computer Science** (Graduated Dec 2023) | **GPA: 3.98**

**Relevant Coursework**: Data Structures | Analysis of Algorithms | Software Engineering | Operating Systems | Systems Programming | Programming Languages | Database Systems | Cloud Computing | Artificial Intelligence | Data Science | Computer Architecture | Computer Organization | Web Technologies | User Interfaces | Principles of Cyber Security | Cyber Operations | Discrete Math | Math Foundations of CS | Computer Programming I & II

**PANOLA COLLEGE, CARTHAGE**

Associate's Degree In **Petroleum Technology** (Graduated 2013) | **GPA: 3.84**

**SKILLS/ASSETS**

**Tech Stack:** Python, Java, C, C++, Spring Boot, JavaScript, PHP, React, HTML, MySQL
**Business Skills:** Leadership, Communication, Critical Thinking, Creativity, Organization
**Hard Skills:** Programming Logic, Mathematically Inclined, Data Structures and Algorithms
**Other Skills:** AWS, Azure, GitHub, AI prompting, MySQL Workbench, VSCode, Apache
**Clubs/Events:** ACM, RowdyHacks Hackathon, Serve Team Member at Life Point Church, CodePath - CYB101, Paycom Summer Engagement Program (2023)

**PROJECTS**

Online Bookstore Crafted from Surveys (Next.js, Spring Boot, MySQL)
Trading Card Website (React, Spring Boot, MySQL)
National Park Chooser Application (Java, JavaFX, SceneBuilder)
Cybersecurity Awareness Website (HTML/CSS, JavaScript, PHP, MySQL)
Time Series Forecasting and Sentiment Analysis (Tesla Stock and Elon Musk's Tweets)
Monterey Bay Aquarium Research Institute Species Database (MySQL)
Assisted MITRE Corporation with real-life audit and assessment for local organization
100 Days of Code: The Complete Python Pro Bootcamp

**EXPERIENCE**

**Junior Field Engineer, GR Energy Services, Pleasanton, Texas | 2017 - 2021**
Managed a safety-focused technician crew, overseeing pump-down perforation operations in conjunction with hydraulic fracturing. Ensured on-site safety and compliance while maintaining efficient well-site operations through advanced diagnostics and mechanical expertise.

**Fluid Technician - Equipment Operator, Performance, Pearsall, Texas | 2016 - 2017**
**Frac Technician - Equipment Operator, Weatherford, San Antonio, Texas | 2014 - 2016**

**REFERENCES**

References available upon request