# Daniel Patterson

Back End Software Developer

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**OBJECTIVE**

Analytical, inquisitive software engineer skilled in leadership, with a strong foundation in math, logic, and cross-platform coding. Seeking to leverage solid skills in collaboration, communication, and development 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 | Cyber Operations

**PANOLA COLLEGE, CARTHAGE**

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

**SKILLS/ASSETS**

**Tech Stack:** Python, C/C++, Go, Java, Spring Boot, JavaScript, React, MySQL, SSMS
**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, VSCode, Apache, Jira
**Clubs/Events:** ACM, RowdyHacks Hackathon, CodePath - CYB101, Paycom SEP (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**

**Back End Developer, Jivasoft, San Antonio, Texas | Feb 2024 - Current**
Orchestrated software development lifecycle phases: design, coding, testing, debugging, troubleshooting, and support. Innovated processes and protocols to enhance efficiency within the software development pipeline. Thrived in a collaborative team setting, managing diverse responsibilities across multiple complex software development initiatives concurrently.

**Junior Field Engineer, GR Energy Services, Pleasanton, Texas | 2017 - 2021**
Managed a wireline technician crew, overseeing pump-down perforation operations in conjunction with hydraulic fracturing. Ensured 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**