

Daniel Patterson

Computer Science Professional

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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

Bachelors Degree In **Computer Science**, in progress: **Dean's List** since Spring 2021

Relevant Coursework: Data Structures, Analysis of Algorithms, Systems Programming, Applications Programming, Computer Organization, Principles of Cyber Security.

Spring 2023 Semester: Software Engineering, Operating Systems, Database Systems, Programming Languages, Cloud Computing, CodePath CYB101, 100 Days of Code - Udemy

GPA: 4.0, Expected graduation date: Dec 2023

PANOLA COLLEGE, CARTHAGE

Associates Degree In Petroleum Technology: Graduated 2013 with **Magna Cum Laude**.

GPA: 3.84

SKILLS/ASSETS

PROGRAMMING LANGUAGES: C, C++, Python, Java, LISP

CLUBS/EVENTS: ACM, RowdyHacks Hackathon, serve team member at Life Point Church

PROJECTS: Cyber Security - Assisted MITRE Corporation mentor with cyber security audit and assessment for local non-profit organization. CodePath - CYB101. Udemy - 100 Days of Code: The Complete Python Pro Bootcamp, Application Programming - National Park Chooser App using JavaFX, SWE - Trading Card Website using React, Java Spring Boot and MySQL.

BUSINESS SKILLS: Leadership, communication, critical thinking, creativity, organization

HARD SKILLS: Programming logic, mathematically inclined, data structures and algorithms

OTHER SKILLS: GitHub, Assembly, Microsoft Office, SQL, Computer Networks

EXPERIENCE

Junior Field Engineer, GR Energy Services, Pleasanton, Texas **July 2017 - Jan 2021**

Coordinated and executed pump-down perforation operations in conjunction with hydraulic fracturing, utilizing advanced downhole diagnostics and mechanical operations.

Demonstrated proficiency in explosive handling and initiation on site, ensuring safety and compliance with established protocols. Oversaw and directed a crew of technicians, monitoring safety procedures and ensuring efficient well-site operations.

Equipment Operator, Performance, Pearsall, Texas

Nov 2016 - July 2017

Equipment Operator, Halliburton, San Antonio, Texas

Aug 2016 - Nov 2016

Equipment Operator, Weatherford, San Antonio, Texas

April 2014 - July 2016

Executed the operation of auxiliary and high-pressure pumping units to ensure efficient oil and gas extraction, while ensuring compliance with government regulations and industry standards. Implemented and maintained quality control measures to minimize production downtime and optimize output. Prioritized the observance of health, safety, and environmental policies to reduce the impact on the surrounding environment.