

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 (Expected Dec 2023) GPA: 4.0 Relevant Coursework: Data Structures Analysis of Algorithms Software Engineering Operating Systems Database Management Systems Cloud Computing Systems Programming Principles of Cyber Security Programming Languages Artificial Intelligence Data Science Computer Architecture CYB101 - CodePath 100 Days of Code - Udemy In Progress: Web Technologies User Interfaces Cyber Operations PANOLA COLLEGE, CARTHAGE Associates Degree In Petroleum Technology (Graduated 2013) GPA: 3.84	
SKILLS/ASSETS	Tech Stack: Python, C, C++, Java, Spring Boot, PHP, React, SwiftUI, HTML, MySQL BUSINESS SKILLS: Leadership, Communication, Critical Thinking, Creativity, Organization HARD SKILLS: Programming Logic, Mathematically Inclined, Data Structures and Algorithms OTHER SKILLS: GitHub, AI prompting, Jupyter Notebook, MySQL Workbench, VSCode CLUBS/EVENTS: ACM, RowdyHacks Hackathon, Serve Team Member at Life Point Church, CodePath - CYB101, Paycom Summer Engagement Program (2023)	
PROJECTS	Assisted MITRE Corporation with real life audit and assessment for local organization Built National Park Chooser Application (Java, JavaFX, and SceneBuilder) Developed Trading Card Website (React, Java Spring Boot, and MySQL) Constructed Monterey Bay Aquarium Research Institute Species Database (MySQL) Time Series Forecasting and Sentiment Analysis (Tesla Stock and Elon Musk's Tweets) Udemy - 100 Days of Code: The Complete Python Pro Bootcamp	
EXPERIENCE	Junior Field Engineer, GR Energy Services, Pleasanton, Texas 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.	July 2017 - Jan 2021 Equipment Operator, Performance, Pearsall, Texas Equipment Operator, Halliburton, San Antonio, Texas Equipment Operator, Weatherford, San Antonio, Texas
		Nov 2016 - July 2017 Aug 2016 - Nov 2016 April 2014 - July 2016