Daniel Patterson

Recent Computer Science Graduate

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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

Bachelor's Degree In **Computer Science** (Graduated Dec 2023) | **GPA: 4.0**

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 | 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

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

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