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Daniel Querrey

Plano, TX 75056 | 972-989-8731 | daniel.q@tamu.edu



[Portfolio](#)

EDUCATION

Texas A&M University Class of 2025 -

August 2021 – August 2025

GPA: 3.58

- College of Engineering – Bachelor of Science in Computer Science
with an Emphasis Area in Cybersecurity
- Campus Involvement – Aggie Coding Club, TAMU Wakeboarding

SKILLS

Programming: Proficient in C++, Python 3, Java, JavaScript, HTML, CSS, Scheme, PostgreSQL, React.js, HDL, Object Oriented Programming (OOP), LaTeX, REST APIs, MongoDB, AWS, Agile, Node.js

Technologies: Linux, GitHub, Microsoft Azure, Ubuntu, Microsoft Office, Visual Studio Code, Nand2tetris, Putty, Adobe Premier Pro, Adobe Lightroom, Adobe Photoshop

Relevant Coursework: Data Structures & Algorithms, Programming Studio (Software Engineering), Intro to Computer Systems, , Computer Organization, Program and Concept Design, Discrete Mathematics, Programming Languages, Linear Algebra, Calculus III

Interests: Software Development, Cloud Computing, Machine Learning, Generative AI, Cybersecurity, Mobile Development

WORK EXPERIENCE

Camp Ozark

Mount Ida, AR

Summer Staff – Lake Program

May 2023 – July 2023

- Managed 23ft Wake surfing boats daily during the Camp Ozark Lake Program
- Provided instruction to groups of 10-13 campers in Surfing and Wakeboarding
- Certified Lifeguard, responsible for ensuring camper safety at the various water parks
- Engaged in physically demanding tasks, including event setup and teardown across camp facilities

Daniel's Dallas Services

Dallas, TX

Business Owner

March 2018 – August 2021

- Expanded local business in the Dallas/DFW area with an overall revenue growth of \$50,000
- Developed fundamental skills in Finance, Accounting, Marketing and Project Management
- Managed personnel of 15 to facilitate the weekly demand of services
- Cultivated a network to more than 100 clients in the DFW area

PROJECTS

Cloud-Based POS and Inventory System Project

School Project – Python, JavaScript, AWS, Microsoft Azure, PostgreSQL, Django

September 2023 – Present

- Designed a comprehensive POS and inventory solution for a local restaurant under a 6-week product deadline
- Acquired skills in database and full-stack development, including SQL and cloud-based infrastructure on AWS with Django as a back-end framework
- Utilized Agile methodology to convert a Java GUI prototype into a full-stack web-based solution, improving order and inventory management efficiency
- Established Scrum tools, including Git, to enhance project execution as the project manager

Poker Payout Pro

TAMU Hack

Personal Project – Front End Web Application

January 2023

- Led a team of developers in a 24-hour collaborative challenge during a Hackathon at Texas A&M University, involving 150 teams.
- Designed and developed a streamlined poker payout system that reduced transaction complexity by 50% among players at the end of a game.
- Leveraged JavaScript in conjunction with HTML and CSS to create an intuitive and interactive user interface, enhancing user experience.
- Achieved a 30% increase in efficiency by implementing optimal data structures, employing maximum binary heaps to simulate payment transactions.