Graysen Gould

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EDUCATION

Texas Tech University - Honors, Lubbock, TX   GPA: 4.0

Bachelor of Science in Computer Science   *Expected Dec. 2026*

- **Awards**: President's List, Presidential Merit Scholarship
- **Involvement**: Google Developers Student Club, Association for Computing Machinery, CodePath
- **Relevant Coursework**: Computational Thinking with Data Science, C-Programming, Programming Principles, Linear Algebra, Modern Digital System Design

EXPERIENCE

Walsh & Watts, Odessa, TX   June 2024 - Aug. 2024

Production Data Analyst Intern

- Automated the time intensive process of creating excel graphs for over 600 oil wells with Power BI and the DAX query language; developed novel insights into business operations
- Queried and processed over 2 million rows of data by leveraging an ETL pipeline with Snowflake and Power Query
- Collaborated with over 40 Lease Operators to verify accurate data entry for over 150 oil leases
- Diagnosed and resolved misconfigured calculation networks for over 30 oil leases, ensuring proper reporting of oil, water, and gas production

The Texan Stores, Monahans, TX   May 2023 - Aug. 2023

Cashier and Cook

- Ensured store efficiency through organization while effectively resolving customer inquiries
- Trained 3 new employees according to company policies and procedures

PROJECTS

Intern Bridge | *Python, Flask, Bootstrap, OpenAI API*   Dec. 2024 - Present

- Designed and built a full-stack web application using Flask to assist students in preparing for internship interviews
- Integrated the OpenAI API to generate custom interview questions and offer real-time feedback on responses
- Crafted a responsive and lightweight front end using Bootstrap, ensuring a fast, user-friendly interface

Instrument Calibration Project | *Pandas, Scikit-Learn, Matplotlib*   Dec. 2024

- Applied regression models using Scikit-Learn to calibrate pressure transducer data to improve accuracy of readings
- Leveraged Matplotlib to create visualizations to provide insights and clearly communicate results
- Designed and implemented an automated interface in Python to take new voltage readings and automatically update prediction models

TECHNICAL SKILLS

Languages: Python, SQL (MySQL), C, JavaScript, HTML, CSS, Bash
Frameworks and Tools: Slurm, Open MPI, Open MP, Flask, Node.js
Developer Tools: Linux CLI, Git, GitHub, VS Code, Vim
Libraries: Pandas, NumPy, Matplotlib, Scikit-Learn
Concepts: Linux Environments, High Performance Computing, Object-Oriented Programming, Data Manipulation
Microsoft Office: Power BI, Power Query, Excel, Word, PowerPoint, SharePoint

INVOLVEMENT

Texas Tech Red Raider Startup   Oct. 2024

Team Leader and Visionary

- Led a team of 8 members at a 72-hour business model competition
- Developed value propositions, cost structures, revenue streams, and conducted customer discovery for a hypothetical machine learning enhanced traffic management company; pitched idea to panel of judges