TIMOTHY DAVIS CALHOUN
281-797-8470

tcalhoun101@yahoo.com | https://timmyc101.github.io/ | https://github.com/TimmyC101

Technical Skills

- **Programming/Development** - C#, Python, SQL, HTML, CSS, JavaScript
- **Web Frameworks** - ASP.NET MVC, Django, Bootstrap, jQuery
- **Database Technologies** - Microsoft SQL Server, SQLite
- **Version Control** - GitHub & GitHub Desktop Application, Git Bash, Team Foundation Server
- **IDE's** - Visual Studio, PyCharm, IDLE

Development Experience

The Tech Academy Live Projects
- Within the ASP.NET MVC design framework, I expanded my knowledge of C#, HTML, CSS, and JS/jQuery by implementing the following features: dynamic password validation box, mobile compatibility enhancements, dynamic navbar with translating icon, and styled & animated footer.
- Within the Django framework, I developed my skills working with Python, HTML, and JavaScript by designing a graph that would take user inputs from a data entry form, pass them through the view, and display them on a graph.
- Sample code can be found via my portfolio or GitHub.

Applicable Work Experience

Data Technologist – Deepwater Exploration and Projects (Jan 2013 – Present)
Chevron - Houston, TX
- Improved organizational efficiency and enabled rapid data analysis by developing custom cost forecasting and well monitoring tool for engineers. The tool utilizes personally written VBA macros to automate processes. Allows users to better forecast and plan.
- Evolved knowledge of statistical principles as the Subject Matter Expert for RMX – a probabilistic time and cost estimation software. Enhanced interpersonal and leadership skills as the host of a monthly training course.
- Developed technical writing skills by creating technical guidance documents for various procedures to be used by the business unit.
- Designed, improved, and maintained offset data to be used in RMX cost estimation. Involved thorough QA/QC of all wells.

Civil Engineering EIT – Public Works (Sep 2010 – May 2012)
Brown and Gay Engineers - Houston, TX
- Improved problem-solving skills by performing water system database analysis in Excel, including developing complex formulae, cost analysis, goal seeking, and process optimization.
- General QA/QC of water line plans, specifications, contract documentation, and various engineering reports to ensure compliance with regulations and verify accuracy and consistency.
- Developed managerial skills through aiding in design-bid process. Scheduled and coordinated all stages from advertisement, pre-bid to bid opening to ensure seamless and efficient process execution.

Additional employment experience, as well as references and test score are available upon request

Education and Training

Software Development
The Tech Academy – Denver CO (Mar 2019 – Aug 2019)
Six-month Software Development Boot Camp with hands on work covering a variety of topics: fundamentals of technology & computer science, HTML, CSS, JavaScript, Python, C#, SQL & database design/management, and Version Control. Includes four 2-week live projects that simulate a professional environment, working in Azure DevOps. These projects allow students to test and expand their classroom knowledge by writing original code to solve problems while working with a team.

Bachelor of Science, Civil Engineering
University of Texas at Austin (Aug 2005 – May 2009)

Professional and Personal Skills

- Self-motivated hard worker, with strong analytical skills and attention to detail.
- Flexible and adaptable team member – can take on leadership or supporting roles.
- Excellent technical writer - able to communicate objectives clearly and concisely.

Letters of Recommendation

Van Perrin – Probabilistic Time and Cost Estimation Subject Matter Expert:
     Chevron, Deepwater Exploration and Production
Robert Rhames – Tech Support Supervisor – Chevron, Deepwater Exploration and Production