**TIMOTHY DAVIS CALHOUN**

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**Bachelor of Science, Civil Engineering, May 2009**

University of Texas: Austin – Honors Graduate

Overall GPA: 3.58/4.00

Major GPA: 3.67/4.00

**Skills**

* Proficient in HTML, CSS, JS, SQL, Python, C#, and GitHub/Version Control.
* Self-motivated hard worker, with strong analytical skills and attention to detail.
* Flexible and adaptable team member – able to take on leadership or supporting roles.
* Excellent technical writer and able to communicate objectives clearly and concisely

**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.

**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.
* Compiled data for various submittals and distributions.
* Further strengthened interpersonal skills by hosting and organizing monthly business partner meetings.
* Honed analytical and critical thinking skills through the development of a tool that calculates axial capacity of submerged casing segments.

**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.
* Performed hydraulic modeling simulations to ensure compliance with state regulations and expected demand calculations.
* 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 available upon request**

**Other Activities and Interests:**

* Exercising/sports
* Competitive games of skill and strategy
* Activities that engage, stimulate, and challenge my mind

References and test scores available upon request