

Christopher Demeke

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<https://cdemeke1227.github.io/christopher-demeke/>

Full Stack Web Developer ready to work on large scale projects with diverse teams to implement industry changing products. 10 years professional background in technical support, product development, real time measurements, and data processing.

TECHNICAL SKILLS

Node.js, Express, JavaScript, jQuery, React.js, React Native, GIT, Github, MongoDB, MySQL, Firebase, HTML, CSS, Bootstrap, Media Queries, APIs, JSON, REST, AJAX, IIS, C#, Matlab, Measurements Studio, the command line, computer science fundamentals, writing tests.

EDUCATION

The University of Texas at Austin, Houston, TX

January 2018 - July 2018

Javascript Full Stack Web Development

An intensive 24-week long boot camp dedicated to designing and building web applications. Skills learned consisted of HTML5, CSS3, Javascript, JQuery, Bootstrap, Firebase, Node Js, MySQL, MongoDB, Express, Handlebars JS, & React Js.

The University of Texas at Austin, Austin, TX

May, 2008

B.S. Petroleum Engineering

APPLICATIONS BUILT

Crosswind

- A curated location search application which provides interesting articles, events and map locations for the specified user input. The search results are presented in a clean, intuitive and accessible interface.
- Implemented ticketmaster and wikipedia APIs and dynamic html elements and CSS using Materialize CSS framework.
- <https://github.com/nomamanomama/crosswind.git>
- <https://crosswind.herokuapp.com/>

Rock Paper Scissors Lizard Spock: Multiplayer

- App uses firebase realtime database for two player rock, paper, scissor, lizard, and spock game.
- JavaScript, jQuery, HTML5, CSS3, Bootstrap, Firebase, game logic.
- Sole developer
- <https://cdemeke1227.github.io/RPS-Multiplayer/>

Black Panther RPG

- Black Panther themed role playing game that allows your favorite character battle.
- JavaScript, jQuery, HTML5, CSS3, Bootstrap, game logic.
- Sole developer
- <https://cdemeke1227.github.io/RPG-Game/>

RELEVANT EXPERIENCE

GE Oil and Gas Downhole Technology, Houston, TX

2012-2017

Project Manager, (2016-2017)

- Coordinated and prioritized consultants and internal team members for new software development. Streamlined budget planning and status updates with senior management.
- Managed, design, and develop the next generation of web-based digital surface system, remote monitoring and diagnostic, and software application suite for MWD/LWD tools.
- Created a Multi-Platform-Data-Acquisition-System named Visionary that utilized HaaS/SaaS architecture and WIMSA stack for real time directional drilling of oil and gas wells.

Field Test Engineer, (2014-2016)

- Coordinated field testing for Tensor MPU hardware and firmware versions in multiple countries with successful product release.
- Successfully integrated and field tested new azimuthal gamma ray LWD product in China for software and firmware compatibility use with Tensor and Centerfire Resistivity operations.

Technical Support Engineer, (2012-2014)

- Provided global customer support multiple products including on-site support and commissioning for customer issues and operations improvement.
- Performed training course and field commissioning in South Africa to establish use of oil drilling equipment in coal and platinum mining operations leading to sales growth in region.
- Created support guidelines and data share protocol to reduce customer cases closure time.

Schlumberger Drilling and Measurements

2006-2012

Senior Deepwater Field Engineer, Schlumberger Lafayette, LA (2011-2012)

Drillship Installation site manager for Chevron service delivery and high-performance operations team.

- Supervised data sharing equipment installation and operations for advanced operations such as Jet Ins, Rotary Steerable LWD, and Directional collaboration with coring team.

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ADDITIONAL WORK EXPERIENCE

Senior Field Engineer, Schlumberger Conway, AR (05/2010 – 09/2011)

Field Engineer, Schlumberger Lafayette, LA (08/2008 – 05/2010)

Field Engineer Intern, Schlumberger Artesia, NM (2007)

Engineer Intern, Schlumberger Sugar Land, TX (2006)

Work Study, Petroleum and Geosystems Engineer Library, Austin, TX
5/2007

08/2005 –