

**Portfolio** | <https://corey-brooks-portfolio.herokuapp.com/>

## SUMMARY

Engineer and Project Manager with a diverse background seeking a full-time position as a Full Stack Developer. Analytical and decisive leader with natural problem solving skills and proven success with advanced technical material. Competent researcher and independent learner with excellent written and verbal communication abilities. Able to excel in demanding environments while remaining pragmatic and focused.

## TECHNICAL TOOLBOX

JavaScript, HTML, CSS, Node.js, Express, MongoDB, MySQL, Bootstrap, jQuery, ES6, Handlebars.js, React, Redux, MERN stack, PHP, Laravel, AJAX, API/JSON, RESTful API, Active Record, State Management, Command Line, Mocha/Chai

GitHub, Version Control, Database Theory, MVC, Agile Methodologies, Research Methods, User Authentication, Social Coding Best Practice, Responsive Design, Quality Assurance Testing, Algorithms, Computer Science

## EDUCATION HIGHLIGHTS

**2017 University of Texas at Austin**  
**Certificate, Web Development | Full Stack Flex Program**

**University of Texas at Austin**  
**Petroleum Engineering**

- SPE Member
- Math and science tutor

**Texas State University at San Marcos**  
**BS in Manufacturing Engineering**

- Dean's list
- Graduated Cum Laude
- Only person in my graduating class to earn a 4.0 Major GPA for MFGE

## EDUCATION AND PROFESSIONAL EXPERIENCE

### 2017-Present

Freelance Web Developer

### 2017-Present

University of Texas at Austin

#### Coding Boot Camp

- A 24-week intensive boot camp dedicated to building web applications

### 2014-2016

Hometown Pizza, Jonestown Texas

#### Project Manager | Interim General Manager

- Created company website and programmed POS system
- Developed inventory and management systems
- Established all company procedures and work processes
- Designed menus and company documents
- Oversaw hiring and training
- Reduced food costs by 25% and labor by 30%
- Compiled profit and loss statements to secure funding

### 2013-2014

Aptus Consulting Group, Austin Texas

#### Executive Assistant | Project Manager

- Assisted a team responsible for operational optimization
- Qualified new opportunities
- Strategic Project Management

### 2009-2012

University of Texas at Austin

#### Senior Petroleum Engineering Student

- Numerical Simulation
- MATLAB Programming
- Petroleum Statistics
- Reservoir Engineering
- Drilling Engineering
- Transport Phenomena
- Thermodynamics

### 2008-2009

Bass Energy, Georgetown Texas

#### Petroleum Engineering Intern

- Operations and Production Accounting Assistant
- Well Log Interpretation | Oil and Gas Expo Preparation
- Collaborated with a team to create data storage systems
- Assisted team to secure new funding
- ArcGIS Systems | GeoGraphix certification from Halliburton

Texas State University at San Marcos

#### BS in Manufacturing Engineering

- Process Engineering
- Operations Management
- Computer Science
- Digital Electronics
- Circuits and Devices
- Computer Aided Design
- Facilities Design
- Engineering Statistics
- Advanced Mathematics
- Engineering Physics
- Quality Assurance
- Product Development
- Computer Integrated Manufacturing
- Control Systems and Instrumentation