

JAMES SHOEMAKE

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Front End Engineer

**WORK HISTORY & ACCOMPLISHMENTS**

HTML/CSS/JavaScript

React/Jest/Puppeteer

ColdFusion

SQL/MS SQL Server

Git

Node

C++ | Python

Redis | MongoDB

PyTorch

Linux

Professional software engineer with over 10 years of experience developing Front End and Full Stack Web applications focused on aesthetically pleasing user-friendly design using modern tools and languages such as HTML/CSS/JavaScript, React, Jest, SQL, and NoSQL databases.

601 862 3380

**Applied Technology, BS**

**Minor Computer Science**

USM, Hattiesburg, MS

2016 - 2018

**Computer Information Systems Technology, AAS**

Jones College, Ellisville, MS

2010 - 2012

**Full Stack Applications Developer | Data Analyst**

*Essential Knowledge Systems Petal, MS / August 2019 – Present*

* Designed and Implemented a React web application which manages educational course materials; allows instructors to create assignments and students to take assignments and receive feedback.
* Developed React application utilizing the Open Source Routing Machine project and OpenStreetMap based directions for drivers delivering products around the Hattiesburg and Petal, MS area.
* Ported a PyTorch Machine learning model, mTAN, into PyTorch-Lightning allowing the formerly Single-GPU model to run on multi-GPU and multi-node hardware.
* Co-Authored 2 Machine learning papers: one based on Parallel computing via PyTorch-Lightning and another comparing Transfer learning models.

**Full Stack Web Developer | Lead Search Developer**

*Howard Technology Ellisville, MS / May 2013 – Present*

* Developed a new search class, search landing page and predictive search feature for the Howard website relaunches; implemented utilizing ColdFusion, JavaScript, and Fusion by Lucidworks, resulting an increase in customer searches by 85%.
* Instrumental contributor to the 2018 redesign of the Howard websites, designed UX for customer account management, general website layout, Implemented Google Analytics filters, and dashboards.
* Created Howard medical customer opportunity signup system leading to over 100 new customers and over $1 million in medical equipment sales.
* Established first Jest based JavaScript testing for Howard websites; wrote styling guide for Howard JavaScript programming.

**Master of Business Administration**

USM, Hattiesburg, MS

2018 - 2019

**EDUCATION**

**OTHER EXPERIENCE**

**BootCountryOnline.com**

Full Stack Developer

2012 - 2013

**USMC**

Corporal of Marines

2005 - 2009

**SKILLS**

**SUMMARY**

[github.com/jamesshoemake](http://www.github.com/jamesshoemake)

Petal, MS

[James.shoemake1@gmail.com](mailto:James.shoemake1@gmail.com)