JAMES SHOEMAKE

Front End Engineer

SUMMARY

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.

WORK HISTORY & ACCOMPLISHMENTS

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.

✉ James.shoemake1@gmail.com

📞 601 862 3380

📍 Petal, MS

🔘 github.com/jamesshoemake

SKILLS

HTML/CSS/JavaScript
React/Jest/Puppeteer
ColdFusion
SQL/MS SQL Server
Git
Node
C++ | Python
Redis | MongoDB
PyTorch
Linux

EDUCATION

Master of Business Administration
USM, Hattiesburg, MS
2018 - 2019

Applied Technology, BS Minor Computer Science
USM, Hattiesburg, MS
2016 - 2018

Computer Information Systems Technology, AAS
Jones College, Ellisville, MS
2010 - 2012

OTHER EXPERIENCE

BootCountryOnline.com
Full Stack Developer
2012 - 2013

USMC
Corporal of Marines
2005 - 2009