James Little

Senior Software Developer

Address Lubbock, Texas, 79416

Phone (806) 577-8990

E-mail james@jameslittle.org

WWW jameslittle.org

Enthusiastic problem-solver with an analytical and driven mindset. Passionate about finding simple and efficient solutions towards complex problems.

Experience

2019-02 - Current

Senior Software Developer \ Application Engineer

Brandon & Clark, Inc., Lubbock, Texas

- Aided in Surface Rotor Magnetic Field Analysis (SRMFA) technology research, and developed software, electronics, controls, and automation.
- Provided managerial support for a team of six engineers.
- Developed controls and automation software for three motor test labs, and three pump test labs which produced honest and accurate results.
- Developed low-cost, industrial grade, thermocouple multiplexer board, that accepts up to 64 thermocouples, utilizes TCP\IP Modbus protocol, and can be powered by Power over Ethernet, allowing our company to save on cabling cost, installation, and reducing down required number of PLCs to one.

2014-02 - 2019-02

Software Developer

Brandon & Clark, Inc., Lubbock, Texas

- Developed desktop applications based on customer requirements, for six different customers.
- Developed backend software for our web application, Fluid Logistics, optimizing response times by reducing requests sent to the database.
- Developed companion bash script that was deployed to over 100 end-points that optimized technical operations, which reduced technical support time by nearly 50%.
- Created secure software update system, that utilized our continuous deployment repository, saving our team from doing updates manually after every release.

Education

2009-08 - 2016-05

Bachelors of Science: Computer Science

Texas Tech University - Lubbock, Texas

Minor in Mathematics

2009-01 - 2012-05

Associate of Science: Computer Science

South Plains College - Levelland, Texas

Certifications

2022-02 Siemens Factory Automation Application Engineer

Technical Profile

- C\C++, Python, C# .NET, Java, JavaScript, Scala, Ladder Logic, SCL
- Git, JIRA, Jenkins, Docker
- AWS, Digital Ocean, Azure DevOps
- Eagle CAD, KiCad
- Debian Linux, macOS, Microsoft Windows

Competencies

Back-End Development, Developer Operations

PCB Design, Industrial Design & Development