Douglas Davies

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Work Experience

Senior Engineer, Technology Development and Production

Composites for Infrastructure, California and Texas, January 2017 to December 2020

- Designed and developed new technologies and software from the initial idea through several iterations in full production.
- Designed and implemented automation software, hardware controls, production metrics displays, and real-time productivity feedback software with a focus on reliability in real-world, jobsite conditions.
- C#, .NET, SQL Server, hardware integration, PLC programming

Full Stack Software Engineer

GT Nexus, California, June 2013 to September 2016

- Implemented back end and customer facing features from specification to release on an enterprise-scale web application.
- Streamlined and tuned performance on long-running scheduled SQL procedures processing large-scale data resulting in substantially increased performance.
- Java (J2EE), SQL Server, Junit, Spring MVC

Product Management and Software Engineering Internship

MuleSoft Inc, California, June 2012 to May 2013

Skills

- Java, C#, SQL - Advanced
- Python, Javascript - Basic
- TDD, JUnit, Selenium

- Visual Studio, Eclipse
- Git, Github, Jira, Trello, Asana
- Agile, Scrum

Education

Bachelor of Science, Electrical Engineering and Computer Science

University of California, Berkeley 2009 to 2013

Computer Science focus. Authored a research paper on the security implications of brain-computer interfaces. Worked as a student programmer (Summer 2010).