

# Travis Pessetto

Clearfield, UT

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<http://github.com/travispessetto>

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## Education

BS Computer Science (2015)

Utah State University

AS General Studies (2015)

Utah State University

## Experience

*ES3 – Clearfield, UT*

*Software Developer*

*January 2016 – Present*

- Refactored user interface allowing for faster input of data
- Introduced per web request dependency injection of database context eliminating the need for duplicate functions across repositories
- Replaced PDF library with latest version which removed several PDF generation bugs
- Programmed automated EDI import saving hundreds of man-hours
- Refactored attachments to allow drag and drop of multiple files
- Implemented charts using Highcharts that were used to identify current drift on thermal spray booths
- Implemented Common Access Card authentication using Identity
- Implemented a library to read and export Excel files based on Open XML
- Created prototype to determine feasibility of web-based 3D inspection instructions
- Used reflection to implement a copy function reducing several lines of code and man hours
- Used reflection to reduce man hours required for the system's advanced search
- Implemented create, read, update, and delete actions for areas using Entity Framework, C#, and MVC
- Performed integration testing on an onboard weight system
- Wrote web-based software for an Android mobile computer which allows a specimen to be tracked through a lab

*ES3 – Clearfield, UT*

*Software Development Intern*

*May 2012 – January 2016*

- Moved the asset management system to the ERP system using SQL
- Introduced an audit trail to the asset management system
- Implemented advanced search capabilities in asset management system
- Updated asset management system libraries and replaced with equivalent if they could not be updated
- Redesigned website using PHP

## Skills

*Languages:* C#, C++, Java, PHP, JavaScript, HTML, JSON, XML, and CSS

*Frameworks/Libraries:* MVC, JQuery, Entity Framework, Unity, iText, Razor, and Open XML

*Software:* Subversion, Git, Visual Studio (2013 & 2019), Apache, SQL Server, MySQL, Eclipse, NetBeans