

DALLIN COONS

Software Engineer

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PHILOSOPHY

- The definition of legacy code is "code without tests"
- Code is a communication tool with other human beings as much as it is a communication tool with machines.
- Being "Agile" means developers work closely with the business and have a high standard of code quality

WORK EXPERIENCE

SURG.IO | *Lead Software Engineer* | 2018 - Present

- Wrote backend logic to translate healthcare related business rules to code
- Implemented the event sourced system and API that accepts real time updates from RFID devices
- Rapidly introduced test coverage to a large legacy app and decreased bug reports by 70%

SKUNEXUS | *Software Engineer* | 2016 - 2018

- Wrote backend logic to aggregate data from many third-party vendors.
- Integrated with shipping carriers to automate the purchase of shipping labels and allow end users to define rules for how the labels are purchased. Inverted dependencies so that integrations could be easily swapped out.
- Operated at ~95% code coverage, and learned to love pair programming ;)

PETROLEUM RX | *Software Engineer* | 2015 - 2016

- Built interactive dashboards and data analytics views in a multi-tenanted environment

RECENT PROJECTS

STOCK MARKET EXPECTED MOVE ANALYTICS

Analytics tool that calculates how much equities in the stock market are expected to move each week, with the ability to analyze historical data.

Utilized: R, Golang

SPOTIFY PLAYLIST DE-DUPPLICATOR AND SONG LIKEABILITY PREDICTOR

Application which detects duplicate songs in a Spotify playlist and offers the option to remove the duplicates.

Based on a Spotify playlist, predict through a linear regression model if someone will like a particular song.

Utilized: Ruby, JavaScript/Vue, Redis, Python

GROCERY LIST AUTOMATION

Web Application to store favorite recipes, used to automatically generate a list of ingredients to purchase

Utilized: PHP/Laravel, Javascript/Vue

EDUCATION

BYU-IDAHO | 2010 -2014 | 2018-Present

Originally Computer IT major, but currently enrolled in the Data Science program.