



DALLIN COONS | Test-Driven Software Engineer

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PROFILE

Design patterns, software architecture, and Test Driven Development are my specialties. I like to see how many conditionals I can reduce in favor of polymorphism, and how small I can make my functions.

SPECIALTIES

Test-Driven Development
Design Patterns
Architecture Planning
Project Management
Sexy Code
Learning

EXPERIENCE

2018 - PRESENT LEAD SOFTWARE ENGINEER / SURG.IO

- Led team in architecting an app with half a million lines of code
- Directed the effort to implement Event Sourcing
- Dramatically decreased user-reported bugs by rapidly introducing test coverage to a large, test-less app
- Established code standards and style guide

2016 - 2018 SOFTWARE ENGINEER / WEBSOLUTIONS NYC

- Assisted in developing large complex inventory & order management system
- Integrated framework and database agnostic packages
- Led in implementing Agile methodology, with story points and velocity tracking
- Followed test-first principles and operated at over 95% code coverage

2015 - 2016 SOFTWARE ENGINEER / PETROLEUM RX

- Maintained a custom web framework and ORM
- Introduced sorely needed tests into legacy code
- Headed the transition of the front end from jQuery to Angular

2014 - 2015 WEB DEVELOPMENT INTERN / BIZ IQ

- Worked on various internal projects in Python, PHP & Javascript.
- Projects included an automatic image downloader and a browser plugin.

2014 - 2015 JUNIOR WEB DEVELOPER / BYU-IDAHO

- Maintained school website in order to provide information to new students

EDUCATION

2018 - 2020 DATA SCIENCE / BACHELORS

Brigham Young University-Idaho

Currently completing degree in Data Science, where I'm working on projects based in statistics and data science to answer business questions.