

Neil Green

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Links

LinkedIn : [linkedin.com/in/neilgreen](https://www.linkedin.com/in/neilgreen)

Blog : neilonsoftware.com

GitHub : github.com/neilgreen/scorecard

Presentations : neilonsoftware.com/presentations

Apps : scorecard.dev

Portfolio : neilgreen.dev

findfitfast.com

Dev.to : dev.to/neilonsoftware

heroes.neilon.software/quiz

Twitter : twitter.com/neilonsoftware

Experience

Scorecard.dev: Senior Full-Stack Developer

April 2019 - Present

React, Redux, Node, SQL, Express, Knex, ES6, HTML5, CSS3, SASS, Webpack, Postgres, Heroku, AWS, SendGrid, PayPal

Created an app to help software developers evaluate their career knowledge skills by taking a 252-question assessment which results in their "Scorecard" showing how they scored across 14 attributes, after which they can listen to 42 targeted coaching podcasts. Features include payment integration, fully customized in-browser audio player, a gift code purchase and redemption system, quiz progress state saving, email notification, a custom client/server routing solution, and a fully custom authentication & authorization system.

Deluxe Rewards: Senior Full-Stack Developer

June 2017 - April 2019

React, Redux, Java, JSP, SCSS, Node, Gulp, SQL Server

Joined an ongoing rewards product redesign project significantly behind schedule. Coached local and remote teams of engineers to deliver project successfully to AARP (~1 million active users/month). While coaching other engineers, refactored or replaced significant parts of the existing system to introduce multiple correct-by-construction configurable frameworks to dramatically increase developer productivity and work quality. Post AARP, frameworks then enabled the rapid development of McAfee, Allstate, and Citibank rewards products.

FindFitFast: Senior Full-Stack/Mobile Developer

Nov 2015 - June 2017

Swift, Cocoa Touch, Node, SQL, ES6, React, Webpack, Heroku, Postgres, RabbitMQ, Auth0, PubNub, Cloudinary, Braintree, PayPal, AWS, Google Places API.

Designed and implemented an iOS app to address the disconnect in the clothing industry between sizing and body measurements. Features include: Body measurement entry workflow; Data visualization of body measurement differences between the user and the woman in outfit photo; Garment details entry; Outfit photo editing, uploading, processing and hosting; Outfit publishing workflow; Garment detail marketplace handling both fund collection and automatic disbursement; Social Features (Rating, Favoriting, Following, Blocking, Reporting, Moderation); Sophisticated search tool with search match alerting; and real-time notification of events of interest. The app also features a tightly integrated outfits scavenger hunt real-time social game designed to incentivize women to upload outfits for fun and/or prizes. Outfits scavenger hunts features include: Game creation workflow; Invite workflow; Automatic scheduling, starting, and stopping of games; Automatic random generation of 'Outfits to Find' based on user configuration; Scoring and place change logic; Real time broadcasts of user action; Peer-to-Peer 'Cheering'; and winner determination.

ICE/NYSE: Senior Full-Stack Developer

Nov 2011 - Oct 2015

React, jQuery, Bootstrap, Java, Node, NPM, HTML5, CSS3, CoffeeScript, Browserify.

Inventor, architect and lead implementer of the ICE Desktop Platform (IDP), now the standard platform used across all 40+ internal desktop development teams worldwide. Platform capabilities include: 3rd party extensibility through a formal plugin model; Runnable as both a desktop and web application; User or API configurable multi-window hot-swappable state-restorable workspace management system; Declaratively configured command-chain event processing pipeline; Inbound and outbound event dispatchers with asyc scatter-gather transactional support; Worker-pool based communication layer; Built-in user-configurable performance stress-test tool with performance test profile import/export; Multi-module aggregated wizard system with declarative workflows; Theme Support; Cross-window drag-and-drop; Regional window splitting; Self configuring window-level, region-level, and extensible context (right-click) menu system.

Education

Awarded full scholarship to Hampton University High Energy & Nuclear Physics Department; Attended towards Bachelor of Science in Physics; Research conducted at Thomas Jefferson National Accelerator Facility, Argonne National Laboratory, and the Center for Ultrafast Optical Science (CUOS). CUOS research contributed to the winning of the 2018 winning of the Nobel prize for Physics. Two-time winner of University engineering competition. President Society of Physics Students. Member of varsity sailing team.