Dannie Schumaker

Software Developer

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Profile

Full-stack software developer who makes clunky things beautiful. Documentation fanatic with an eye for detail and a passion for finding elegant solutions to complex problems.

Tech Stack

Languages
JavaScript
HTML
CSS

Front End
React
React Native
Redux

Back End
Node
Express
MongoDB
Mongoose
PostgreSQL

Testing Suites
Jest
QUnit

Dev Tools
Travis CI
Heroku
Postman
Compass

Collaboration
Git
GitHub
Jira

Visualization
Sketch
Adobe Illustrator
Adobe Photoshop
Adobe InDesign
Adobe Premiere
Autodesk Maya

Education

Alchemy Code Lab
Software Development Training

Intensive full-stack program that develops collaborative problem-solvers with strong foundations in test-driven development and agile methodologies.

University of Dundee
MS Forensic Art | 2011-2012

University of Oregon
BA Bio. Anthropology | 2006-2010

Featured Projects

Alcherithm   GitHub | Website

Node.js | MongoDB | Express | Jest | React | PostCSS

This comprehensive learning platform gives budding developers easy access to resources as they complete code challenges in an integrated test environment.

Leveraging the flexibility of our noSQL database, I wrote comprehensive Express routes with complex aggregations on this project's back end. This approach facilitated my efforts to build a modular, presentation-focused front end with built dual-purpose hooks, reusable components and CSS variables.

Social Distance-Ping   GitHub

Node.js | MongoDB | Express | Heroku Scheduler | Twilio | Puppeteer

Have location-specific COVID-19 stats sent to your phone on-demand or automatically each evening. Built by a team in a four-day sprint.

As an architect of the web scraper, I implemented a headless browser and scraped data from a dynamic website with an hourly cron job; and I worked with a partner to integrate Twilio for sending the data to users.

Sew Organized   GitHub | Website

React | Node.js | Express | PostgresSQL

Keep track of your embroidery floss with this inventory app. Find similar colors and even generate color palettes for inspiration!

A teammate and I pair-programmed an API for storing data scraped from a CSV file and created a matching algorithm to connect our data structure to a third-party API. I used this in the front-end logic for generating color schemes.

Professional Highlights

Receptionist   Oregon Community Foundation | 2018-2020

As editor of the weekly newsletter, I highlighted each writer's unique voice while making their syntax cleaner and adhering to style guidelines.

Strengthened operations across organization by collaborating with a team to optimize processes and documenting them in an organized manual.

Scientific Illustrator   DRS Scientific Art | 2012-2018

Applied observational drawing skills and knowledge of facial morphology to create accurate facial reconstructions with specialist hardware.