David Knittel

Email: djknit@gmail.com | Phone: 785-410-5644 | Lawrence, KS 66049
Github: https://github.com/djknit | LinkedIn: https://linkedin.com/in/djknit
Portfolio: https://djknit.github.io

Full-Stack Web Developer with a strong background in mathematics and a passion for learning. Desires to create user-friendly, functional tools that address real-world problems. Has a sound foundation of coding knowledge that is continuously being expanded.

Technical Skills: HTML, CSS, JavaScript, jQuery, Node, Express, MySQL, Vue, React, MongoDB, MVC, API

APPLICATIONS BUILT

Book Search - A full stack application complete with user authentication that uses the Google Books API to find information and links for books. Users can search for books and save book information in the database.
Deployed page: daves-book-search.herokuapp.com/ | Repository: github.com/djknit/Google-Books-Search
Role: Sole Developer | Tech Used: React, Bulma, Express, Passport, MongoDB, Mongoose, Nodemailer, Bcrypt

Cerebellum - A social network geared toward sharing knowledge. Users can create posts, search for and follow other users, and save posts to their personal knowledge base. Posts that contain links are displayed with data from the linked site obtained using the LinkPreview API. Users can like and comment on posts.
Deployed: cerebellum-network.herokuapp.com/ | Repository: github.com/huntertrammell/Dev-Social-Network
Role: Part of 4 person team | Tech Used: Vue, Node, Express, Passport, MongoDB, Mongoose, Nodemailer

Expense - A finance tracking app that allows users to create monthly budgets, and track their expenses. Includes receipt capture and recurring transactions options. User authentication uses Passport.js local strategy.
Deployed page: quiet-spire-74175.herokuapp.com/ | Repository: github.com/djknit/Expense/
Role: Part of 4 person team | Tech Used: Node, Express, MySQL, Sequelize, Passport, Vue, Bootstrap, jQuery

Eat-da-Burger - A complete app built using model-view-controller structure with an Express server and a MySQL database. User input triggers create, read, and update methods performed by a home-brewed ORM.
Deployed page: devourdaburger.herokuapp.com/ | Repository: github.com/djknit/burger/
Role: Sole Developer | Tech Used: Node, Express, MySQL, Handlebars, jQuery

Friend Finder - The user provides answers on a 1-5 agree/disagree scale to 10 survey questions. The answers are sent to the server where they are compared to other users' answers and the closest match is returned.
Deployed page: people-matcher.herokuapp.com/ | Repository: github.com/djknit/Friend-Finder/
Role: Sole Developer | Tech Used: Node, Express, Bootstrap, jQuery

LIRI - Interprets user commands and retrieves requested information via HTTP requests to public APIs.
Repository: github.com/djknit/liri-node-app/ | Demo Video: youtube.com/watch?v=GGi05Dj_tzY/
Role: Sole Developer | Tech Used: Node, Moment, Request, Dotenv

Food Fight RPG - The user selects a character and then must battle their enemies in strategic order to win.
Deployed page: djknit.github.io/Food-Fight/ | Repository: github.com/djknit/Food-Fight/
Role: Sole Developer | Tech Used: jQuery

EDUCATION

University of Kansas, *Full Stack Web Development Bootcamp,* Overland Park, KS
A six month long boot camp dedicated to designing and building web applications.
University of Kansas, *Bachelor of Science in Mathematics*, Lawrence, KS
A diverse mathematics curriculum covering both theoretical and applied mathematics. Writing of proofs provided experience working with basic logical structures also used in programming.
University of Kansas, *Bachelor of Arts in Chemistry,* Lawrence, KS

WORK EXPERIENCE

Jet.com, Edgerton, KS, *Picker 2017 -2018, Packaging Supply Specialist* 2018 - 2018
Pizza Shuttle, Lawrence, KS, *In-store employee* 2015 - 2017