

Daniel Jones

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<https://portfolio.djones.co/>

Full-Stack Web Developer

I am a motivated, self-taught developer looking for an opportunity to work on either front-end or back-end web technologies. I've been building websites with HTML and CSS since the late '90s. Since 2012 I have been learning Python, and I very much enjoy using this language. My first exploration into back-end web programming was with the CherryPy framework. Since then I have used Flask and Django. In 2015 and early 2016 I spent a lot of time learning about front-end programming in JavaScript. I started using Git in 2012, and I believe this is an essential tool for developers. After starting FreeCodeCamp's Front End Development Certification, I began attending weekly meetups for FreeCodeCamp in Greenville, SC. At these meetups I have collaborated on coding challenges with fellow FCC students. My experience with Linux server administration goes back to the mid 2000s. I have experience deploying LAMP stack software such as phpBB and Wordpress. More recently, I've employed Docker for deployment of my own Python back-end projects. I've been employed for more than 13 years as a computer technician repairing Windows desktop and laptop computers.

Skills

- HTML / CSS / Sass / JavaScript / jQuery / Handlebars
- Python / Flask / Django / SQLite / peewee
- Linux / BASH / Git / Docker / NGINX / Apache

Projects

Simon

An implementation of the classic Simon memory game in JavaScript. Uses jQuery and the Web Audio API. View project on [CodePen](#). Created for Free Code Camp's Front End Development Certificate.

Pomodoro Timer

An app that helps the user in applying the [Pomodoro Technique](#) of time management. Created for Free Code Camp's Front End Development Certificate. View project on [CodePen](#).

Wikipedia Viewer

Uses AJAX requests to get search results from Wikipedia. Displays search results using Handlebars template. Created for Free Code Camp's Front End Development Certificate. View project on [CodePen](#).

rc-club-members

A Flask application for managing the membership roster of an RC club. The admin interface lists members based on membership expiry date (current, expired, previous year). Provides JSON import and export. Search using sqlite3 full text search (FTS4). Provides mass email using the Mailgun API for sending newsletters, announcements, etc. Read-only passwordless login is provided to members through a signed token sent in newsletters, or emailed to an individual member via the login page. Provides CSV and XLSX export of roster. Uses the Flask framework and peewee ORM. Deployed with Docker behind an nginx uwsgi proxy. Github repository at [tortxof/rc-club-members](#).

flask-signup

This application provides a publicly-available self-serve form handling back-end. The user retrieves a key pair (secret key and form key) from the app, then uses the form key in their HTML forms. The user can then use their secret key to retrieve submitted form data. The app provides both web and JSON interfaces. Uses the Flask framework and peewee ORM. Deployed with Docker behind an nginx reverse proxy. GitHub repo at [tortxof/flask-signup](#). Live at [signup.djones.co](#).

Black Sheep RC Club

Static website built using Jekyll. Uses Susy for CSS layout. PDF newsletters are generated using wkhtmltopdf. Live website at [bsrcc.com](#). GitHub repository at [tortxof/blacksheepclub-www](#).

Education

FreeCodeCamp Front End Development Certificate (Nov 2015 – Aug 2016)

Work History

2003 – Present: Computer Trends

Computer Technician

Responsibilities include: Computer hardware diagnostics and troubleshooting. Computer hardware upgrades. OS installation and upgrades (Windows, Mac, Linux). Malware detection and removal. Customer service and remote support. System integration of new computer systems. Data recovery from corrupted file systems and malfunctioning hardware. Migration of customer data to new systems. Design, deployment, and maintenance of company website. Deployment and maintenance of email servers (postfix, dovecot, rainloop).

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