

# Kyle Montville

## Full-Stack Web Developer

Teacher turned web developer. Six years as a high school science teacher has given me a wide array of highly developed soft-skills which will facilitate my rapid deployment into a development team with an expeditious understanding of their work-flow and production pipelines. Problem solving, collaboration, and communication are my specialties. Eager to learn, quick to comprehend, and excited to start delivering value to your company.

### Projects

#### OpenVeg API (development ongoing)

<https://openveg.app>

- An API for locating vegan/vegetarian restaurants by state, city, and/or zip code
- Uses FastAPI for managing backend data and React for frontend searching and filtering tools
- Data gathered and filtered programmatically via BeautifulSoup web scraping utilities
- Future updates will allow additional searching for events, businesses, and organizations, user auth, and individual API keys for contributors

#### Chop That Veg! API

<https://chop-that-veg.netlify.app/>

- Full-stack SPA allowing users to search for a vegetable by name or from a list
- Uses Vue 3 for frontend and Flask for backend
- Primarily a proof-of-concept build for a fullstack API project

#### Mental Health Dashboard (development ongoing)

<https://drliza-mentalhealth.herokuapp.com>

- **Username: GuestAccount, Password: !Password**
- A prototype web app built for managing mental health and as a repository of useful resources
- Uses Vue 3 for dynamic frontend interaction and Django Rest Framework for API endpoints to serve and store user data
- Provides user login and identity protection secured with third-party service Auth0, data ownership and protection with secured REST API endpoints using Auth0, and integration with social media platforms for single-identity login


#### Wedding RSVP

<https://www.montovacelebration.com>

- **Password: 052723**
- Developed a personal wedding website with password protection and RSVP form using Python Django framework for storage of user data, web serving, and HTML templating with Bootstrap 5 for custom styling

### Contact

 Lebanon, New Hampshire

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 <https://www.github.com/ksmontville>

 <https://www.kylemontville.dev>

### Education

- **Clarkson University, 2016-2017**
  - MA in Teaching
  - *Summa Cum Laude*
- **SUNY at Albany, 2012-2016**
  - BSc in Physics and Mathematics (dual)
  - *Magna Cum Laude*

### Relevant Coursework

- Bayesian Data Analysis & Signal Processing
- Ordinary Differential Equations
- Probability and Statistics
- Multivariable Calculus
- Linear Algebra

### Technologies

- Python (Django, Flask, FastAPI, pandas)
- JavaScript (React, Vue.js, Node.js, Express)
- HTML, CSS, Bootstrap 5, Tailwind CSS
- PostgreSQL, SQLAlchemy
- Git
- GitHub CLI, Heroku CLI, Netlify
- Linux Bash, psql
- R, MATLAB, Mathematica

### Other Experience

#### Certified Science Teacher, NY 7-12 & NH 9-12

- Lebanon High School, 2020 - 2022
- RCS High School, 2017 - 2020
- Emma Willard School, 2016-2017