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.

Freelance Work

Black Moon Games

https://black-moon-games.com

- ➢ Designed a responsive, high speed, mobile first website for a local game store
- ➢ Created a dynamic events calendar synced with Google Calendar API and a custom content management system for the admin user
- ➢ Uses Vue 3 for front end, Python for back end, and Django Wagtail for custom CMS & admin dashboard

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

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

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

- San Francisco, California
- **518-844-6577**
- **ksmontville@gmail.com**
- **https://www.linkedin.com/in/kyle-montville**
- **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)
- ➢ JavaScript (React, Vue.js, Node.js, Express)
- ➢ HTML, CSS, Bootstrap 5, Tailwind CSS
- ➢ PostgreSQL, SQLAlchemy
- ➢ Git
- ➢ GitHub CLI, Heroku CLI, Netlify

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