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

Chop That Veg!
https://chop-that-veg.netlify.app/
- ➢ Full-stack SPA where users can search for a vegetable by name or from a list
- ➢ Returns a set of instructions for chopping the searched vegetable and useful links
- ➢ Users may add new vegetables to the list
- ➢ Uses Vue 3 for frontend and Flask for backend

Mental Health Dashboard (work in progress)
https://drliza-mentalhealth.herokuapp.com
- ➢ **Username: GuestAccount**
- ➢ **Password: !Password**
- ➢ Full-stack project to create a SPA using Vue 3 for dynamic frontend interaction, and Python 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

Let's Get Trivial
https://github.com/ksmontville/lets_get_trivial
- ➢ A text-based trivia game which asks the user multiple choice questions from the Open Trivia API
- ➢ Users can configure categories, difficulty, and number of questions
- ➢ Updates a locally stored leaderboard file to keep track of the top 10 highest users and scores

Contact
- Lebanon, New Hampshire
- **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, pandas)
- ➢ JavaScript (Vue.js, Node.js, Express)
- ➢ HTML, CSS, Bootstrap 5, Tailwind CSS
- ➢ SQLAlchemy
- ➢ Git
- ➢ GitHub CLI, Heroku CLI, Netlify
- ➢ Linux BASH
- ➢ 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