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

Mental Health Dashboard (work in progress)
https://drliza-mentalhealth.herokuapp.com
- ➤ **Username: GuestAccount**
- ➤ **Password: !Password**
- ➤ Full-stack project to create a single-page application using Vue 3 for dynamic frontend interaction, and Python Django Rest Framework for custom 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**
- ➤ Create a personal wedding website with password protection and functional 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
- ➤ Future updates include building a SPA for the user interface in Vue.js or React.js

Snake vs. Mongoose
https://github.com/ksmontville/snake_vs_mongoose
- ➤ A variation on the classic game of Snake
- ➤ Users can choose single player mode against a cpu-controlled mongoose, or a second player can play using the keyboard to control the mongoose manually

Contact
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- https://www.linkedin.com/in/kyle-montville
- 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

Tech Stack
- ➤ Python (Django, Flask, pandas)
- ➤ JavaScript (Vue.js, Node.js, Express)
- ➤ HTML, CSS, Bootstrap, Tailwind, Figma
- ➤ SQLAlchemy
- ➤ Git
- ➤ GitHub CLI, Heroku CLI
- ➤ Linux BASH
- ➤ R, MATLAB, Mathematica

Other Experience
Certified Teacher NY 7-12 Science, NH 9-12 Science
- ➤ Lebanon High School, 2020 - 2022
- ➤ RCS High School, 2017 - 2020
- ➤ Emma Willard School, 2016-2017