Dillon Draper

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Github

LinkedIn

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Full Stack Software Developer

About

Before beginning my journey into software development, I taught Brazilian Jiu-Jitsu in Bowling Green, KY. I adore the hyper fast-paced and technical nature of Jiu-Jitsu, as well as teaching, but the COVID-19 pandemic gave me new perspectives on both job security and my future involvement in that community as a professional. Software development, while at first glance seeming completely unrelated, shares quite a bit with Jiu-Jitsu in that it offers opportunities for real world, dynamic problem solving. In Jiu-Jitsu there is a saying that the mat does not lie; if your technique is poor, you lose. Coding is the same way; if your code is not correct, it does not run (or worse), and the nature of that challenge continues to propel me forward in my quest to become a software developer.

Projects

BJJ Encyclopedia — *Front-End Capstone*

https://github.com/DillonbDraper/bjj-encyclopedia

- React project utilizing React-router-DOM, Material-UI, ReactPlayer, and the Youtube API
- Organizes instructional videos by a variety of criteria more helpful to users than standard Youtube organization
- Allows users to take time stamped notes on specific videos to later revisit desired sections with full CRUD functionality.

Nutshell — *Group Project*

https://github.com/nss-day-cohort-44/nutshell-whistling-wraiths

- HTML5/CSS3/JS project implementing a mock social media up with full CRUD functionality, utilizing the OpenWeather and GraphHopper APIs
- Personally responsible for creating events, articles, and weather sections, implementing full CRUD and chained API calls

Software Experience

Nashville Software School — *Attendee (what to call this?)*

Sept 2020 - Mar 2021

- Intensive, full-time software bootcamp focused on full stack fundamentals and advanced problem solving
- Learned principles of Object Oriented and Functional Programming and applied them through projects both group and individual
- Version control using Git/Github
- Planned applications with dependency charts, ERDs, and wireframes
- Developed full CRUD applications in a SCRUM working environment

Professional Experience

Bowling Green Brazilian Jiu-Jitsu — *Instructor*

May 2017- Mar 2020

- Instructed and oversaw the development of a variety of physical/mental skills in adults
- Constructed and altered lesson plans according to individuals' skill development
- Designed drills and curriculum for skill development from scratch

Bowling Green Independent Schools — *Substitute Teacher*

Sept 2016 – May 2018

- Followed existing lesson plans to ensure education of children was not halted due to teacher absence
- On the occasion of no existing detailed lesson plan, improvised lessons from provided materials
- Arrived to work every day with a "fresh slate" and adapted to radically different needs and requirements among different groups of students

Fyre Entertainment — *Editor*

Mar 2015 – May 2015

- Handled the text editing of an online instructional on the usage of Pro Tools, a music recording and engineering software
- Collaborated with authors to best explain material in an approachable, user-friendly fashion
- Consolidated and normalized style and formatting differences between three different authors

EDUCATION

Nashville Software School, Nashville TN — *Software Development Bootcamp Certificate*

Transylvania University, Lexington KY — *BA, English*

Received Ruchmann English Award, faculty chosen award for most outstanding English graduate.