

CHRISTOPH DOMINY

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SUMMARY

Innovative and detailed-oriented Full-Stack Developer with a background in STEM education. Earned a Certificate in Full Stack Web Development at the University of Texas at Austin while developing online curriculum in learning management systems. Passionate about designing and producing responsive web applications; from wireframing to initializing databases. Proficient in leading and coaching diverse teams through challenging, fast-paced projects.

TECHNICAL SKILLS

Front-End: HTML5, CSS, JQuery, Javascript, Bootstrap, Materialize, AJAX, Handlebars

Back-End: Node.js., Express, React.js, React, MongoDB, MySQL, Mongoose, APIs, Restful API, JSON, Sequelize, AWS, Webpack

Applications: GIT, GitHub, Heroku, Terminal

PROJECTS

Formulator | **Repo:** <https://bit.ly/3nlhShV> | **Project:** <https://bit.ly/38EVCAY>

A React application to allow users to generate pre-filled legal documents, download them as word documents, and save them to access at later times.

- **Role:** Used passport.js to create user authentication by storing and hashing user's information into a MongoDB database. Helped to style the app and its responsive properties.
- **Utilized:** React, Express.js, MongoDB, MySQL, Passport, Material UI, Docx

Book Club | **Repo:** <https://bit.ly/3oHBh3P> | **Project:** <https://bit.ly/3nHE77p>

Book Club is an app that allows users to search, browse, and write book reviews within a 128 character limit.

- **Role:** Developed the servers, routes, and user authentication; engineered majority of back-end code to allow users to save their reviews to a MySQL database. Refined web layout to be responsive and a user-friendly interface.
- **Utilized:** Express.js, Sequelize, MySQL, Handlebars, Materialize, moment.js, Passport

Hike the Trails ATX | **Repo:** <https://bit.ly/3nFuEOA> | **Project:** <https://bit.ly/2XAnWhM>

A web application that dynamically generates up to 20 Austin trails based on user selected criteria by utilizing The Hiking Project API and displaying the trails through Google Maps API.

- **Role:** Used jQuery to dynamically render the webpage and jQuery AJAX to make requests to APIs as users searched trails. Created an HTML page with Materialize and custom CSS to be user-friendly on most devices.
- **Utilized:** HTML, CSS, jQuery, Materialize, AJAX, Server-Sided APIs

EXPERIENCE

Chemistry & IPC Teacher

August 2020 – Present

McNeil High School; Round Rock, TX

Collect and analyze data to revise current practices to meet the needs of all faculty and staff. Facilitate discussions on equity and diversity in the workplace with other staff members. Provide feedback and critique for staff's lesson plans after observing them.

Accomplishments:

- Developed student-driven online curriculum that fully integrated with a new learning management system in response to the COVID-19 pandemic.
- Trained faculty on new online resources to integrate into their learning strategies for distance learning.

EDUCATION

Full Stack Web Development Certificate: University of Texas, Austin, TX | **2020**

A 24-week intensive program focused on gaining technical programming skills.

Bachelors of Science & Arts in Biology (Minor in Psychology): University of Texas, Austin, TX