

Cody Girouard

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Education

University of North Texas

Bachelor of Science in Computer Science, GPA: 3.9/4.0

May 2021
Denton, TX

Skills

Languages: JavaScript, TypeScript, Python, PHP, C++, HTML, CSS, SQL, Dart

Frameworks and Technologies: React, jQuery, SASS, Node.js, Express, Jest, MongoDB, MySQL

Projects

Denton Forums | dentonforums.com

May 2021

- Developed a single-page application with React, creating a space for Denton citizens to chat
- Designed the user interface using CSS and JavaScript so users can intuitively navigate the site, increasing engagement within posts by 25% per visit
- Programmed a RESTful CRUD API back end using Express, Node.js, and MongoDB to connect with the front end by sending information about accounts, posts, likes, comments, and replies

Portfolio | codygirouard.codes

June 2021

- Created a portfolio website using React, TypeScript, and SASS, with a mobile-first design to deliver a seamless user experience to any device on the web
- Tested React components with Jest and Enzyme, which verified all modules rendered the correct information without throwing errors
- Implemented end-to-end testing with Puppeteer and Jest to simulate users interacting with the site which reduced time spent on bug-fixing

Go Mean Green Wiki | gmgwiki.coudei.me

February 2021

- Constructed a web application that serves as a wiki for the University of North Texas, which increased awareness among students and faculty for what the university has to offer
- Integrated jQuery and AJAX so users can communicate with the back-end server and receive updates without refreshing pages
- Secured the MySQL database using parameterized queries in PHP to store and exchange data
- Redesigned the entire website layout using SASS, increasing user retention by 10% with a more modern look and feel

Ultra Medz

January 2021

- Built an Android Flutter application in a six-person team that allows users to manage medications
- Improved team productivity by leading Scrum meetings and maintaining a Kanban board which led to meeting deadlines ahead of time