# Cody Girouard

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## Education

**University of North Texas**                                            May 2021
Bachelor of Science in Computer Science, GPA: 3.9/4.0                 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, improving 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 grew 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