DANIEL CANTWELL

Full Stack Developer

@ cantwell.nc@gmail.com +1 828 390 4542 https://github.com/cantwellnc linkedin.com/in/daniel-cantwell

EDUCATION

UNC Chapel Hill
B.S. in Mathematics, Minor in Computer Science

August 2015 – May 2019 Chapel Hill, North Carolina

GPA = 3.45/4

North Carolina School of Science and Math
High School

August 2013 – May 2015 Durham, North Carolina

GPA = 4.96/5

Robert L. Patton High School
High School

August 2011 – May 2013 Morganton, North Carolina

GPA = 4.96/5

SKILLS

JavaScript, Nodejs, Express
MongoDB, MySQL, RESTful APIs
Bootstrap, Semantic UI, CSS3, HTML5
Java, Python, Haskell, Ruby, C
Git, Latex

EXPERIENCES

Topological Data Analysis Research Assistant
UNC Chapel Hill Department of Mathematics

Sept 2018 – Feb 2019 Chapel Hill, North Carolina

Math/Computer Science Tutor
UNC Chapel Hill Math Help Center

Sept 2016 – May 2019 Chapel Hill, North Carolina

Webmaster and Routesetter
Progression Climbing and Fitness

Sept 2018 – Present Chapel Hill, North Carolina

Expedition Guide
UNC Chapel Hill Outdoor Education Center

Jan 2017 – May 2019 Chapel Hill, North Carolina

ACHIEVEMENTS

- Carolina Covenant Scholar
- Dean's List Recipient 2017-2018

PROJECTS

YelpCamp
- A full stack application built using Express, MongoDB, and Bootstrap that allows users to view, add, and delete new campsites and provide a rating for the site.

Spotify Web Player
- Simple React application that uses Spotify's authentication protocol and API features to display pertinent information about a currently playing song (such as danceability, acousticness, and BPM).

RGB Color Game
- Basic game to help front-end developers learn how to identify colors by their RGB value. Styled with Bootstrap.

Personal Blog
- Lorem Ipsum blog built using Semantic UI, MongoDB, and Express to practice RESTful routing conventions.

Patatap Clone
- Web app that maps key presses to sounds and animations on screen using Howl.js and Paper.js.

COURSEWORK

- COMP116: Scientific Computing
- COMP401: Foundations of Programming
- COMP410: Data Structures
- COMP411: Computer Hardware and Design
- COMP550: Algorithms
- MATH547/676: Linear Algebra
- MATH535: Introduction to Probability
- Directed Reading Project on TDA and Signal Analysis