

# Tyler Nevell

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## EDUCATION

### CU BOULDER

#### BS IN COMPUTER SCIENCE

Jan 2018 | Dec 2020

College of Engineering

### CU BOULDER

#### BS IN COMPUTER SCIENCE

Aug 2011 | Dec 2016

Leeds School of Business

## LINKS

Github:// [tylernevell](#)

LinkedIn:// [tylernevell](#)

## COURSEWORK

### COMPUTER SCIENCE

Data Structures

Principles of Programming Languages

Software Development Methods

Design + Analysis of Database Systems

Algorithms

Introduction to Artificial Intelligence

Information Visualization

### EXTRACURRICULAR

Full-Stack Web Development

iOS Development

C++ Development

VR Development

Computer Graphics Programming

Unix Tools and Scripting

## SKILLS

### PROGRAMMING

Over 25000 lines:

Node.js • Express.js • React.js

MongoDB • JavaScript • Python

C • C++ • CSS • HTML • EJS

Git/Github • RESTful APIs • jQuery

Swift • PostgreSQL • Redux

Familiar:

Linux • iOS • XML • MySQL • C#

## RELEVANT PROJECTS

### PERSONAL PORTFOLIO WEBSITE | GITHUB REPO

April 2021

- Design and maintain a website using React.js, Node.js, and Express.js to display my portfolio of work created over my academic career.

### MERN SHOPPING LIST | GITHUB REPO

March 2021

- Developed as a practice project to put my knowledge of the MERN stack together.
- Modernized the source code and rebuilt it from the ground up with JSX.
- Full-stack Application - Utilizes MongoDB/Mongoose, Express.js, React.js, and Node.js to display a real time database of grocery items. API built with Express to connect to MongoDB.

### WHISPERS CLONE | GITHUB REPO

February 2021

- Developed a Web Application that allows users to securely log into their accounts and post secrets to a MongoDB database.
- Built with Bootstrap, EJS, Node.js, Express.js, and Mongoose/MongoDB. Utilizes Passport.js to salt and hash users' login info for secure storage on an Atlas server. Includes Google OAuth 2.0 functionality for easier login.

### WIKI-API | GITHUB REPO

March 2021

- Simple RESTful API built using Node.js and Express.js. Data stored on remote MongoDB Atlas server.
- Integrated GET, POST, PUT, PATCH, DELETE functionality for articles found on the server.

## WORK EXPERIENCE

### PROJECT ENGINEER | LAYTON CONSTRUCTION

May 2016 – Jan 2018 | Denver, CO

- Managed a crew of 25 to 40 construction workers to successful implementation of project plans.
- Executed large-scale renovations of hospitals in the Denver Metropolitan Area.
- Oversaw the extensive and sensitive operations for risk assessment containment within the hospitals.
- Led the daily meetings with the subcontractors to establish project priorities

### MARKETING INTERN | UNITED INTERESTS RECORD LABEL

Nov 2014 – Mar 2015 | Boulder, CO

- Conducted detailed market analysis on consumer demand (album sales and streaming trends) within various locations in the US, to inform tour destination choices and maximize potential ticket sales.

### FINANCE INTERN | UBS INC.

May 2014 – Aug 2014 | Newport Beach, CA

- Researched markets and securities to advise client investment decisions
- Synthesized findings into detailed written reports for the team.