

HEATH ALLEN LESTER

SOFTWARE ENGINEER

- SECRET CLEARANCE -

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ABOUT ME

I am a determined junior software engineer with a passion for technology, teamwork and problem solving. I love the endless possibilities facilitated by code and the potential for solving many of life's ever-evolving problems. My experience as a classical musician and as a former member of the military has molded my temperament into a team player who does not give up.

SKILLS

Coding Languages

JavaScript ES6, HTML/CSS, Python 3, SQL

Frameworks/Systems

Git/GitHub, React, Bootstrap, Django, SQL

PERSONAL PROJECTS

Cookit! - github.com/Heath-Lester/cookit

A single page application that allows user to save and reference recipes from a database and 3rd party websites. Cut out the fluff by extracting a recipe you like and saving it to your user database. A user can also select a set of recipes and build a grocery list for a dinner of their choice.

- React, HTML, CSS, JavaScript, API, Routing
- Recipe search, store, and parsing application
- Entity Relationship Diagram
- External API with Spoonacular
- Full CRUD functionality
- User Specific Data

EDUCATION

Nashville Software School

Technical Training in Software Development

- Full-Stack Development

Middle Tennessee State University

Bachelor of Music: Trumpet Performance

- Experienced in Jazz and Classical Music

TECHNICAL EXPERIENCE

Software Engineer

Nashville Software School | Sept. 2020 to present

- Emphasis on Team-Based Learning
- Simulated Workplace environments
- Project Management with Version Control
- Entity Relationships with flat data structures
- Single Page application development with modular coding practices
- Problem-Solving oriented coursework
- JavaScript ES6
- HTML/CSS
- React
- Bootstrap
- Python 3/Django
- SQL/SQLite
- Git/GitHub
- Refer to page 2 for group projects

PROFESSIONAL EXPERIENCE

Musician & Funeral Bugler

"The Commandant's Own",

The United States Marine Drum & Bugle Corps

United States Marine Corps | Aug. 2014 to Jan. 2019

- Secret Clearance
- Planned, Coordinated, and trained a unit of 36 Marines for ceremonial performances
- Mentored a small group of Marines in professional development, problem-solving, and professional relationships
- Performed for Heads of State, Foreign Dignitaries, and civilian spectators
- Responsible for the maintenance and accountability for specialized equipment of over \$200,000
- Lead Seminars for up and coming members for professional development and growth
- Oversaw the preparatory operations and logistics of unit training events and performances

HEATH LESTER

GROUP PROJECTS

NUTSHELL

github.com/nss-day-cohort-44/nutshell-whiskered-gnomes

Nutshell is a vanilla JavaScript CRUD dashboard application. The application uses modular coding principals and is data driven using Entity Relational Diagrams for data structures. This single page application utilizes user specific information and combines data via entity relationships. When users "friend" one another, the friending user can now see all relevant data from the other user.

- HTML, CSS, Modular JavaScript
- Dashboard Application
- Entity Relationship Diagrams
- User Specific Data
- Relational Data
- Full CRUD functionality
- Mock Authentication
- Group Learning

HOLIDAY ROAD

github.com/nss-day-cohort-44/holiday-road-isle-royale

This was a group exercise in using multiple API's, both local and external, along with multiple custom events. This web application uses modular JavaScript and component decoupling principals. The project was intended to be an itinerary planning application for a handicapped individual. It is fitted to this individual by filtering locations based on accessibility standards.

- HTML, CSS, Event-Listeners, JavaScript
- Itinerary Planning application
- Internal and External API integration
- Data Driven Application
- Understanding API Documentation
- Problem Solving with specific use case
- Group Communication/Planning
- Dependency Graph
- Wireframing
- Versions Control