

Timothy Mickiewicz

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GitHub: <https://github.com/timothymickiewicz> | **Portfolio:** <https://timothymickiewicz.github.io/>

Full-stack web developer with a professional background of three years in analytical science. Leverages critical thinking skills with prowess in a range of front and back end technologies to create smooth and well-rounded web applications. Adaptable, studious, and eager to go beyond what is required of any role. Bootcamp certificate in the MERN stack as well as being able to finesse a variety of open-source libraries to give a unique style and function to any application.

TECHNICAL SKILLS

React, Ionic, CSS3, HTML5, JavaScript, CoffeeScript, jQuery, MongoDB, MySQL, Node, Bootstrap, Material UI, Semantic UI, APIs, Express, Git, GitHub Pages, Heroku Deployment, JawsDB, Sequelize, ORM, Handlebars, Moment, Passport, Bcrypt, MVC Structure, Visual Studio, Recharts

EDUCATION

Full-Stack Web Development Certificate – Vanderbilt University, Nashville, TN | 2020

Bachelor of Science in Biology – Freed-Hardeman University, Henderson, TN | 2017

Electronics Testing Certificate (Hardware) – Tennessee Technology Center, Henderson, TN | 2017

RELEVANT EXPERIENCE

DayR8 | Github:<https://github.com/garrettwgriffey/DayR8> |

Live-Link:<https://dayr8.herokuapp.com/>

- A mental health tracking application that stores user comments and their emotional rating each day. The accumulated data is graphed out to assist with identifying trouble periods, seasonal depression, or anything that can be identified with a trend in emotions.
- Team of 4, responsible for: Passport.js user authentication, Sequelize database queries, MySQL database structure, dynamic React rendering and data manipulation.
- React, Materialize UI, Javascript, Node, Sequelize, Express, MySQL, Heroku Deployment, JawsDB, Axios, Passport, Bcrypt, React-vis Charts

Fitness | Github:<https://github.com/timothymickiewicz/Fitness> |

Live-Link:<https://cryptic-thicket-72551.herokuapp.com/>

- A full stack mobile PWA backed by MySQL. Users can visualize their results with charts, and receive insight into their routines. Weight lifted for an exercise is graphed out to see progress and sticking points. Visual data is standardized as 1RM units or shown as a range.
- Helpful tools such as barbell plate calculator and estimated weight increases.
- React, JavaScript, Node, jQuery, CSS3, HTML5, MySQL, Express, Axios, Sequelize, Recharts, Data Visualization, Persisting Data, Persisting Stopwatch, Heroku Deployment, PWA, ORM

Dine-or-Dash | Github:<https://github.com/timothymickiewicz/dine-or-dash> |

Live-Link:<https://agile-beyond-76515.herokuapp.com/>

- A food finding application that utilizes Yelp API, geolocation, and MySQL to browse nearby restaurants and save them for future reference. Users can give reviews when they are logged in, and other users will see the reviews as they browse.
- Team of 4, responsible for: client-side JavaScript, API integrations, geolocation, MySQL setup, Passport.js user authentication local strategy, Handlebars scripts.

- HTML5, CSS3, Javascript, jQuery, CoffeeScript, Semantic UI, Sequelize, JawsDB, Express, Handlebars, MySQL, Heroku Deployment

Continued...

WORK EXPERIENCE

Lead Molecular Biologist

Aegis Sciences Corporation; Nashville, TN

July 2020 – Present

- Led a team of 30+ employees, communicating efforts between departments as needed
- Identified blockages in various workflows and resolved them on a daily basis
- Troubleshoot automated extraction instrumentation on a daily basis
- Assisted with Covid 19 extraction method workflows

Analytical Chemist

Aegis Sciences Corporation; Nashville, TN

July 2018 – Present

- Experienced with LC and GC Mass spectrometers, scripted automated batch building/extraction EVOware, acid/base chemistry, and various types of lab software used for: reporting, quantifying data, sample tracking, storage, etc.
- Certified to analyze and report testing results
- Cross-trained into all departments to become fully flexible within the company
- Volunteered and was permitted to participate in the new startup Covid-19 testing with initial method development and extraction procedures.

Forensic Evidence Processing Technician

Aegis Sciences Corporation; Nashville, TN

October 2017 – July 2018

- Gained experience with sample tracking software, sample receiving software, and company databases
- Acquired beginner/intermediate skill with Excel, Word, Outlook, and OneNote for contacting various departments, building Excel tables from data, and presenting work flows to the department
- Awarded 3 WE3 company awards for teamwork and work effort