Ryan Royalty

24 Dwight Road, Nottingham, NH 03290 ✧ (978) 302-9465 ✧ rroyalty@gmail.com
linkedin.com/in/rroyalty ✧ github.com/rroyalty ✧ rroyalty.github.io

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Driven problem solver, looking to expand Full Stack web development skills and apply experience in data analytics and mathematics. Hungry to learn new technologies and discover his niche in the web development world. Earned a certificate in Full Stack Web Development from the University of New Hampshire Coding Boot Camp with an A+ final grade. Team player that is self-driven and a lifelong learner, with excellent verbal and written communication skills.

EDUCATION

University of Massachusetts in Amherst, Massachusetts   *Fall 2003 – Spring 2008*
 B.S. in Mathematics
Full Stack Coding Bootcamp, University of New Hampshire   *Fall 2020 – Spring 2021*

TECHNICAL SKILLS

Languages: Typescript, Javascript ES6+, HTML5, CSS3, SQL, NoSQL, VBA, PowerQuery M
Applications: GitHub, Heroku, VSCode, MySQL, MongoDB, FileMaker, PowerQuery, Excel, Illustrator
Tools: React, Redux, Express, Node, Sequelize, MaterialUI, Axios, JQuery, Bootstrap, Passport, Handlebars

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PROJECTS

Bandwidth ✧ **github.com/rroyalty/bandwidth** ✧ **bandwi-d-th.herokuapp.com/**
 Summary: A social media application for connecting musicians to other musicians locally.
 Role: Front-end Developer
 Technologies: Typescript, React, MaterialUI, Heroku, Redux, Sequelize, Express, Auth0, Axios, Illustrator

Stretch-n-Strengthen ✧ **github.com/crrmarchese/stretch-n-strengthen** ✧ **stretch-n-strengthen.herokuapp.com/**
 Summary: An application for discovering exercises and creating exercise routines.
 Role: Back-end Developer
 Technologies: Javascript, Express, Sequelize, BCrypt, Passport, Axios, Handlebars

Easy Recipeazy ✧ **github.com/tonipow3ll/drinks-and-dinner** ✧ **tonipow3ll.com/drinks-and-dinner/**
 Summary: An application for discovering recipes based upon ingredients selected and stored.
 Role: Back-end Developer
 Technologies: Javascript, JQuery, Bulma

EMPLOYMENT HISTORY

Foresight Regulatory Strategies in North Andover, Massachusetts   *October 2016 – Present*
Data Analyst
- Analyzed data provided by clinical trial subjects in order to find meaningful trends using Microsoft Excel, PowerPivot, PowerQuery, FileMaker, and SQL.
- Organized the data in order to append it to clinical trial reports and present it to clients in a clear and meaningful way.
- Adhered to the strict standards of the FDA when handling clinical data and designing software solutions.
Software Development
- Created a custom inventory management solution using FileMaker from scratch in order to monitor the movement and statuses of clinical materials into and out of Foresight Inventory and various clinical trial sites.
- Created a user interface using VBA to immediately generate clinical reports.

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EMPLOYMENT HISTORY continued...

Birch Rock Summer Camp, ACA Accredited, in Waterford, Maine
Summers 2007 – 2016

Wilderness Director *Summers 2010 – 2016*
- Led the wilderness trip schedule for 7 weeks in each camp year, including scheduling for about 150 campers and 20 staff members.
- Wrote itineraries and prepared supplies for 7 to 14 trips of varying lengths.
- Devised and oversaw the fiscal plan for the entire program.
- Lead multi-week outdoor trips developing teamwork and outdoor skill sets for campers.
- Ensured that the wilderness program was up to ACA accreditation standards in 2012 and 2015.

Water Safety Instructor and Lifeguard *Summers 2007 – 2009*
- Organized and led the Red Cross Certified swim program with over 100 participants.
- Developed swim lessons for boys ages 8 through 15.
- Responsible for the overall safety of the swim program.

Summit Educational Group in Newton, Massachusetts
2012 – 2015

SAT Preparatory Tutor
- Educated students on math subject matter and successful test taking strategies in order to bolster SAT scores.

Northampton High School in Northampton, Massachusetts
2009 – 2011

10th Grade Geometry Teacher *2010 – 2011*
- Crafted a complete curriculum including, tests, quizzes, homework, and assignments.
- Used personal time to grade assignments and develop lesson plans.
- Actively engaged students in the learning process.

Substitute Teacher and Tutor *2009 – 2011*
- Tutored multiple levels of high school math from Algebra to Calculus to struggling students.

Monumentails in Boston, Massachusetts
The Fetching Hound in Boston, Massachusetts

Dog Walker *2012 – 2017*
- Maintained safe control over groups of dogs of varying sizes and temperaments.
- Trusted by clients with access to residences and care of their dogs in their absence.