

# Ryan Royalty

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## EDUCATION

### University of Massachusetts in Amherst, MA

B.S. in Mathematics with concentrations in Education and Pure Mathematics.

*Fall 2003 – Spring 2008*

### Full Stack Coding Bootcamp, University of New Hampshire

*Fall 2020 – Spring 2021*

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## EMPLOYMENT HISTORY

### Foresight Regulatory Strategies in Wilmington, MA

*October 2016 – Present*

#### Data Analyst

- Analyzed data provided by clinical trial subjects in order to find meaningful trends using Microsoft Excel, PowerPivot, PowerQuery, and FileMaker.
- Organized the data in order to amend 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 an inventory 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.

### Birch Rock Summer Camp, ACA Accredited, in Waterford, ME

*Summers 2007 – 2016*

#### Wilderness Director

*Summers 2010 – 2016*

- Planned the wilderness trip schedule for 7 weeks in each camp year.
- 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 lead 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, MA

*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, MA

*2009 – 2011*

#### 10<sup>th</sup> 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, MA

### The Fetching Hound in Boston, MA

#### 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.
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## ACHIEVEMENTS, CERTIFICATIONS, PROFICIENCIES

#### UNH Coding Bootcamp

*2021*

HTML5, CSS, JavaScript, JQuery, Node.js ... rest tbd

#### FileMaker: Database Pros Course

*2017*

#### Visual Basic, Microsoft Office Suite: Excel Campus Course

*2016*

#### Appalachian Trail Thru-Hiker

*2013*