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Tyler Roberts

PROFESSIONAL STATEMENT

I am an instructional design student and science educator with several years of experience in designing equitable, authentic and engaging learning experiences. I am committed to unlocking the hidden potential of all learners and applying a user-centered design approach.

SKILLS

- **Applying Adult Learning Theories:** Behaviorism, cognitivism, constructivism, social learning theory, etc.
- **ADDIE:** Using it as a framework for design
- **e-Learning Development:** Using Adobe Captivate to design interactive tutorials and other trainings
- **Producing Educational Videos and Infographics:** Camtasia, Adobe Premiere Pro, Canva
- **Animations:** Powtoon
- **Accessibility:** Assistive Technology, Section 508, UDL
- **Learning Management Systems:** Canvas, Blackboard, Blackboard Ultra, Moodle and Google Classroom
- **Instructional Technologies:** VoiceThread, Zoom
- **Technical Languages:** HTML
- **Software:** MS Office 365, Creative Cloud
- **Web Design**

EXPERIENCE

Scituate Public Schools, Scituate,MA- Biology & Biomedical Science Educator

AUGUST 2021 - PRESENT

- Develop multimedia content to enhance learning experiences
- Evaluate learning outcomes and recommend improvement strategies
- Identify and design measurable learning objectives
- Implementing and evaluating pilot programs to support the biology curriculum
- Design formative and summative assessments to measure learner progress
- Apply learning theories to the development of learning experiences
- Actively promote dynamic collaboration

Connecticut Center for Nursing Workforce, North Haven,CT- Instructional Design Intern

MARCH 2023 - JUNE 2023

- Contributed to project plans and timelines in support of the development of an online course for preparing full-time nurse faculty
- Conducted research to support instructional design decisions
- Evaluated and improved instructional materials
- Participated in the design and development of eLearning modules

Bristol Warren Regional School District, Bristol,RI - Science Educator

SEPTEMBER 2020 - AUGUST 2021

- Rated as a highly effective teacher by my evaluator
- Designed a biology curriculum for the summer program
- Collaborated among school members to support student growth and achievement
- Integrated digital experiences into the curriculum to align with learning outcomes

EDUCATION

Quinnipiac University, Hamden,CT- M.S. in Instructional Design & Technology

AUGUST 2022 - MAY 2024

GPA: 4.0

- Designed professional development for science educators to improve their delivery of lessons in the classroom
- Created a google sheets interactive tutorial for young professionals
- Crafted an animation on the college application process
- Collaborated with peers to build a module on exercising your right to vote
- Designed an asynchronous learning module on measuring and assessing vital signs for a health sciences course that includes infographics that I created with Canva and videos that I made using Adobe Premiere Pro

Roger Williams University, Bristol,RI - B.A. in Biology & Secondary Education

AUGUST 2016 - MAY 2020

GPA: 3.75

- Graduated from the Honors Program
- Participated in a conversation at the Rhode Island State House about the need for free breakfast and lunch across Rhode Island Public Schools

CERTIFICATES AND CREDENTIALS

Grades 7-12, General Science Teaching License- Rhode Island

October 2020-October 2024

Grades 7-12, Biology Teaching License- Rhode Island

October 2020-October 2024

Grades 8-12, Biology Teaching License- Massachusetts

June 2021-June 2024

PLTW Biomedical Science Teaching Certificate

March 2023