

Daniel Nguyen

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SUMMARY

Self-taught programmer and educator with 10+ years of experience in public schools, seeking a challenging role in the education technology industry. Skilled in optimizing outcomes through goal-oriented, data-driven decision making. Deep understanding of school and classroom operations, and a passion for leveraging technology to enhance student engagement and achievement.

SKILLS

Software Engineering: Ruby on Rails, Javascript, HTML, CSS, Ruby, SQL (PostgreSQL), Git, Linux

Curriculum Development: Instructional Design, Assessment Design, Culturally-responsive Pedagogy

General: Google Workspace, Microsoft Office Suite (Word, Powerpoint, Excel), Mentorship

PROJECTS | [Portfolio](#) | [GitHub](#)

Developed full stack web applications using frontend technologies including JavaScript, HTML, CSS and server-side frameworks such as Ruby on Rails. Most recently leveraged the OpenAI API to create an AI-powered tool for educator colleagues to improve lesson planning efficiency.

PROFESSIONAL EXPERIENCE

Quincy Public Schools

Quincy, MA

Educator

August 2017-July 2022

- Led the creation of an extracurricular program to teach computer science fundamentals (Code.org, Scratch) to elementary school students, earning positive feedback from parents and the community
- Taught programming concepts to students using Blockly, a web-based visual programming language, resulting in increased student engagement and understanding of coding principles
- Collaborated with cross-functional teams to develop and implement evidence-based interventions that addressed specific areas of need, resulting in improved student outcomes and increased organizational effectiveness
- Fostered a culture of continuous improvement by encouraging team members to reflect on their teaching practices and share best practices, resulting in a more collaborative and effective team
- Mentored student teacher and provided ongoing support and feedback to enhance their teaching skills and classroom management techniques
- Delivered effective online learning experiences by utilizing instructional technology tools

Boston Public Schools

Boston, MA

Educator

August 2014-July 2016

- Actively managed group of 25 diverse learners and implemented a comprehensive communication plan that kept families and school stakeholders informed of learner progress and needs
 - Incorporated research-based best practices for culturally-responsive instruction resulting in a more equitable, inclusive, and supportive learning environment for all students
 - Developed and implemented engaging sequences of learning activities based on state standards using a backward design approach
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EDUCATION

University of Connecticut

Storrs, CT

Master of Arts, Curriculum and Instruction

University of Connecticut

Storrs, CT

Bachelor of Science, Elementary Education, Concentration: Science