

# 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 product management, software engineering, or curriculum development. Skilled in optimizing learner 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.

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## EDUCATION

### University of Connecticut

*Master of Arts, Curriculum and Instruction*

Storrs, CT

### University of Connecticut

*Bachelor of Science, Elementary Education, Concentration: Science*

Storrs, CT

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## PROFESSIONAL EXPERIENCE

### Quincy Public Schools

*Educator*

Quincy, MA

*August 2017-July 2022*

- Coordinated and managed after-school program for elementary students to learn computer science fundamentals through Code.org
- Collaborated with English language education team to establish SMART goals and develop lesson plans, resulting in a 70% average improvement in student performance on standardized tests
- Mentored student teacher and provided ongoing support and feedback to enhance their teaching skills and classroom management techniques
- Monitored and analyzed student data to inform ongoing curriculum improvements and personalized learning strategies
- Delivered effective online learning experiences by incorporating instructional technology tools and resources

### Boston Public Schools

*Educator*

Boston, MA

*August 2014-July 2016*

- Actively managed group of 25 diverse learners and maintained positive relationships with families by proactively communicating learner progress and needs
  - Incorporated research-based best practices for culturally-responsive instruction to create an equitable classroom environment
  - Created engaging sequences of learning activities based on state standards using a backward design approach
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## PROJECTS | [GitHub](#)

Developed full stack web-based applications using a variety of web technologies including Javascript, HTML, CSS and popular back-end frameworks such as Node.js and Ruby on Rails. Most recently created an AI-powered quiz generator tool for a teaching colleague to improve lesson planning efficiency.

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## SKILLS

**Software Engineering:** Ruby on Rails, Javascript, HTML, CSS, Ruby, Node.js, Express, Python, Git, Linux, PostgreSQL, SQL, Bootstrap

**Curriculum Development:** Instructional Design, Assessment Design,

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