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.

EDUCATION

University of Connecticut   **Storrs, CT**
Master of Arts, Curriculum and Instruction

University of Connecticut   **Storrs, CT**
Bachelor of Science, Elementary Education, Concentration: Science

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PROFESSIONAL EXPERIENCE

Quincy Public Schools   **Quincy, MA**
Educator   *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   **Boston, MA**
Educator   *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.

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, Culturally-responsive Pedagogy
General: Microsoft Office Suite (Word, Powerpoint, Excel), Google Suite, Mentorship