Jonathan Alland

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Teaching Experience

2023 – Present

Marymount School of New York | *STEAM Assistant Teacher*
- Co-taught nine sections spanning 3rd – 5th grade in an all-girls independent school.
- Used inquiry and project-based learning to help students develop skills in coding, circuitry, 3D modeling, and artificial intelligence.

Summer 2023

The Chapin School | *Summer Class Coordinator*
- Planned and led building and engineering activities for 1st – 4th grade.

2022 – Present

The Coding Space | *Teacher*
- Designed and taught curricula to introduce new math and computer science concepts such as negative numbers, coordinate planes, functions, and loops.
- Trained new teachers on classroom management and inquiry-based pedagogy.

2019 – 2020

Girls Who Code | *Volunteer Teacher*
- Taught Scratch and Python programming to elementary and middle school students.

Summers 2015 – 2019

Johns Hopkins Center for Talented Youth | *Residential Life*
- Planned and led daily recreational activities and conducted nightly meetings to maintain a positive academic environment.

Spring 2013

Skidmore Early Childhood Center | *Teaching Assistant*
- Assisted preschool students in small groups to support creative learning.

Software & Web Development

Ideas on Purpose Web Design Agency

2017 – 2022

Digital Implementation & Quality Specialist
- Oversaw end-to-end web development process in partnership with clients, managers, and designers to ensure design vision, quality, and timelines were met.
- Programmed animations and other front-end components.

2016 – 2017

Project Coordinator
- Collaborated across different teams to deliver projects on time and on budget.

Summer 2014

AstraZeneca | *Technology Intern*
- Contributed to development of software to improve decision-making in clinical trials.

Education

2021 – Present

Hunter College School of Education | *Masters in Childhood Education*

In progress, 46 of 49 credits completed. **4.0 GPA**

2012 – 2016

Skidmore College | *Bachelor of Arts in Human Computer Interaction*

Dean's List Fall 2012, Spring 2013, Fall 2014. **3.5 GPA**