ANDREW VELLA

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EDUCATION

Skidmore College | *Saratoga Springs, NY*   **Graduated March 2022**
Bachelor of Arts in Computer Science
- *Relevant Coursework:* Operating Systems, Computer Networks, Computability, Linear Algebra, Computer Organization, Programming Languages, Computer Science I & II, Intro to Python and Data Science

WORK EXPERIENCE

AMERICORPS FELLOW | *Algebra 1 Tutor* | *New York, NY*   **2023**
- Served as an Americorps Fellow tutoring highschool freshman in Algebra 1
- Planned lessons, graded proficiency, called parents, and managed groups of 5
- Planned Critical Thinking Tasks, Do Nows, and Group Activities

BROOKLYN COLLEGE | *Guest Speaker* | *Brooklyn, NY*   **Spring 2022**
- Two-time guest speaker for Dr. Magdalena Oledzka's class, "Motor Development and Learning" at Brooklyn College.
- Spoke about my lived experiences and conducted Q&A.

MARYMOUNT SCHOOL OF NEW YORK | *Teacher's Assistant* | *New York, NY*   **June – July 2021**
- Teacher's Assistant for Advanced Drama III, a course geared toward preparing students for the stage.
- Supervised students ages 12 to 16 years; lead theater activities and improv games.
- Designed the playbill for the school production, *Into the Woods*.

THE CODING SPACE | *Teacher* | *New York, NY*   **November 2020 – April 2021**
- Taught over 15 children ages 6 to 14 years (in smaller groups of 3 to 5 students) at The Coding Space, an afterschool and summer program offering elective courses in the fundamentals of computer programming.
- Authored two "un-tutorials" (projects at a specific level of difficulty with Socratic guidance), designed for students to practice and develop newly learned skills during class activity. Topics included: Functions, Variables, Loops, Control Flow
- Guided students in Scratch, Python, and WoofJS (a language for transitioning from Scratch to JavaScript).

FREELANCE | *Tech Support Personnel* | *Long Island, NY*   **Summer 2020**
- Provided technical support for elderly neighbors during the Covid-19 pandemic.
- Assisted in setting up devices, navigating the Mac Operating System, installing software updates, guided user interface tours, setting up accounts, downloading apps, general troubleshooting.

FREELANCE | *Dog Sitter* | *New York, NY*   **Summer 2019**
- Cared for elderly dogs, including comfort, hygiene, and routine walks.

STAND UP AND LEARN | *Volunteer* | *Nantucket, MA*   **March 2019**
- Worked at a stand-up comedy workshop for children ages 8 to 15 years, with the goal of instilling confidence and public speaking skills in the students such that they could perform a routine on a stage, unaided.
- Assisted head instructor with supervising students and developing comedic routines in tandem with professional comedians.

PROJECTS

PERSONAL HOMEPAGE | *HTML / Python*   **2023**
- This is a website I have created on Github for myself.
- It includes a bio and a list of my personal projects, such as my password manager and

WILDLIFE PHOTOGRAPHY   **2022– Present**
- I photograph birds, flowers, squirrels and insects.
- I share my photography on @littleglowingbirds of Instagram

SKILLS & INTERESTS

- Video game design and development, including music, art, and computer programming
- Birdwatching and wildlife photography
- Tutoring in computer programming and game development
- Singing and piano; theater and performance