

REMOVE UNDERLINES.
NYU ALLOWS YOU TO
CREATE A .NYU.EDU
EMAIL WITH YOUR
NAME. IT LOOKS MORE
PROFESIOINAL

VERY COOL! BUT THINK ABOUT IF THIS IS
PRINTED OUT. MIGHT BE WORTH REMOVING

BASED ON YOUR OTHER ITEMS YOUR DATES
GO HERE MAKING THIS SEEM RANDOM.
I'D MOVE IT NEXT TO THE SCHOOL NAME.

~~Mr.~~ Guglielmo Fonda

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EDUCATION

NYU Abu Dhabi

Abu Dhabi, UAE

Bachelor of Science (~~in progress~~), GPA: 4.0/4.0

Declared major: Mechanical Engineering

August, 2020 – Expected May, 2024

United World College

IB Score 41/45, Math HL 7/7, Physics HL 7/7

YOU'RE NOW IN COLLEGE. I KNOW IT'S
HARSH BUT NO ONE REALLY CARES
ABOUT HIGH SCHOOL ANYMORE

Trieste, Italy

August, 2018 – May, 2020

PROJECTS AND RESEARCH

App Development

September – November, 2020

- Developed, as a team project, a functioning chemistry instruction app using Unity AR
- Animated ~~animated~~ 3D models of atoms and famous reactions which can be very abstract for young kids
- Designed app UI and coded the C# scripts for the app which can be used with any smartphone's camera

Water Rocket Optimization

CHEMICAL REACTIONS

February – October, 2019

- Fabricated experimental set up (launcher and rocket) and data collection setup (camera and pressure sensors)
- Wrote a flight simulation for the rocket to validate experimental data
- Analyzed the experimental data and determined the most effective ratio of propellant to load

Radon Gas Investigation

January – June, 2019

- Assessed the effect of ventilation on the concentration of carcinogenic Radon gas in closed basements
- Collected data using β particle sensor over a two-weeks period
- Deduced that with simple and practical ventilation the concentration of Radon drops by 50 % in 70 minutes

I DON'T KNOW IF THE RESULTS SHOULD BE INCLUDED. PERHAPS IF YOU WORD IT DIFFERENTLY

LEADERSHIP AND VOLUNTEERING EXPERIENCES

Science for Kids | Volunteer

September, 2018 – February, 2020

- Taught a weekly class to over 500 kids from local elementary schools
- Prepared interactive presentations about science and sustainability centered around hands-on experiments
- Practiced leadership and effective communication skills by coordinating a twelve-member's team

Trieste Next | Volunteer

August - September, 2019

- Led multiple sessions open to the public (~~kids~~) with the theme of "The periodic table"
- Prepared interactive presentations and experiments about paper chromatography, spectroscopy, trends and properties of elements
- Stimulated a very positive response in the kids who were engaged and their teachers

Math Olympiad | Club Leader

BI-WEEKLY

- Led Math Olympiad Club by preparing ~~by-weekly~~ preparatory problems
- Achieved the best regional score in the Math Olympiad
- Nominated to ~~be leader of~~ the math Olympiad school team, reaching the national stage

SKILLS

Languages: Italian (~~Native~~), English (~~Fluent~~)

Software: (~~Proficient in~~) Fusion360, Matlab, Visual Studio, Unity AR, Google Suite, Microsoft Office, Overleaf
(~~Intermediate in~~) GitHub, Atom, Linux

Programming languages: (~~Proficient in~~) C++, L^AT_EX (~~Beginner in~~) Python, HTML

ALPHABETIZE

WITH THE CATEGORIES AND ALL ITEM LISTED:
ORDER WHAT YOU WANT PEOPLE TO LOOK AT,
FIRST TO LAST:
EDUCATION
SKILLS...

DON'T DOWNPLAY YOU CAPABILITES BY SAYING
BEGINNER. IF THEY WANT TO KNOW MORE THEY'LL ASK
BY THE INTERVIEW