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Ahmed Mahmoud

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Highly Driven High school rising senior interested in bringing arts and computer science together
Areas of expertise/interests: Computer science, computer graphics, animations, artificial intelligence.

TEST SCORES

SAT: 1470
TOEFL iBT: 110

COMMUNITY SERVICE/ VOLUNTEER ACTIVITIES

member 10/ 2020 — to date
Competitive College Club Amideast Egypt
• attended sessions concerning the college admission process, and joined sub clubs on creative writing, standardized testing, and reading.

member 6/ 2021 — 7/2021
Engineering summer academy at Penn (ESAP) University of Pennsylvania
• attended daily lectures that covered different intermediate programming concepts: data types, recursion, data science; handed 15+ coding assignments and worked alongside other students on 3 final projects.

member 7/ 2021 — to date
EducationUSA Connects virtual program Boston university
• actively participated and attended seminars on leadership and literature from Boston university under the supervision of professor Jennifer Solomon.

researcher 7/ 2020 — to date
Youth Science Journal
• conducted research on a topic "bionic eyes" then proceeded to mentor 3 sophomore students to conduct their own research in a systematic way

researcher 11/ 2020 — to date
Junior academy of sciences Newyork
• collaborated with international students under supervision of a mentor in two challenges in the junior academy; worked to solve environmental sustainability challenges.

researcher 5/ 2020 — to date
Biology Magazine STEM 6th of October STEM 6th October
• Researched various biological topics and wrote in the magazine; collaborated on making the design of the magazine.

instructor 6/ 2021 — to date
Hack Club STEM 6th of October STEM 6th October
• instructed 10+ students through 8+ lectures on the various techniques used in the game development industry; worked on a final project alongside the students that covered a wide variety of programming, graphics, shading, modeling concepts .

Media Committe head 4/ 2021 — to date
STEM Model Arab League STEM 6th October
• Designed graphical elements and illustrations; trained 8 students on the various graphics design techniques used in the industry.

CoFounder 7/ 2020 — to date
Straggly minds
• collaborated with 2 seniors on 3 educational videos spanning a variety of biological topics. channel) link:
https://www.youtube.com/channel/UCu_EGR5bf5LGlnHrvaPF3Q?view_as=subscriber

EDUCATION

High school diploma, STEM 6th of October High School for boys, GPA: 4.00/4.00 09 2019 — 08 2022

TECHNICAL SKILLS

3D modeling and Graphics Design Adobe Photoshop, Blender, Autodesk Maya, 3ds max
Programming/Scripting C++,C,Python

AWARDS & HONORS

2020 1 **Space Apps Cairo Category [Inform] winner** : Awarded (10,000 EGP Cash prize)

2021 2 **Genius Olympiad winner**

- finalist, Honourable Awardee in the Creative Writing Discipline for writing a compelling short story; amongst 240 of more than 2,000 applicants awarded an honorable mention.

2021 3 **accepted in the Engineering summer academy at the university of Pennsylvania**

-Accepted in the Computer Science program of the academy at an Ivy league university: university of Pennsylvania; received full financial support worth 4800\$

2021 4 **accepted in EducationUSA Connects program**

-selected from the US embassy in Cairo to attend the Education USA connects program at Boston university with a full ride

2021 5 **bronze honor**

- obtained bronze honor for placing among the top 20% of all participants in both the international youth math challenge (IYMC) and the International Astronomy and Astrophysics Competition (IAAC)

PUBLICATIONS

1 Bionic eye: the definitive solution for visually impaired individuals? published in the Youth Science Journal (2021)