

Aya Elfettahi

<https://twitter.com/dehartstem>
<http://stemimpressionists.org/>

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EDUCATION

Justice High School, 2021

GPA: 4.17

Area of Interest - College major: Cybersecurity

EXPERIENCE <https://goo.gl/WcqSS8>, <https://goo.gl/9wbq9d>

Coding

- 2018 5-Week Java Bootcamp (<http://myhsts.org/courses.html>)
- 2018-present: Java, Scratch (<https://cutt.ly/vtxj9NH>) (<https://scratch.mit.edu/conference/>)

Robotics (7-9grades)

- 2018 Referee Mclean High School Regional VEX IQ Tournament (<https://www.robotevents.com/>)
- 2018 Judge for VEX Virginia State VEX VRC Competition (<https://www.robotevents.com/robot-competition>)
- 2018 Judge for VEX Worlds VEX IQ Tournament Louisville, Kentucky (<http://gettravel.com/2018-vex-robotics-world>)
- 2017 VEX Judges Training Camp (<https://www.vexrobotics.com/vexiq>)
- 2017 Glasgow Middle School VEX Team (<https://www.vexrobotics.com/>)

Presentation/Speaker

- 2021 Speaker at the International Technology and Engineering Educators Association
- 2020 Maret Independent School STEM Education Conference, Panel Speaker (<https://twitter.com/ed>)
- 2019 Girls Computing League 1st Annual Gala (<https://www.girlscomputingleague.org/gala/>)
- 2018 Scratch Conference: *Sharing Responsibilities for Learning*. (<https://media.mit.edu/videos/scratch-conference-2018>)
- 2018-2019 George Mason University/NOVA Labs Maker Faire (<https://nova.makerfaire.com/>)
- 2018 Jefferson Overseas Technology Institute (JOSTI) (<https://docplayer.net/325ml>)
- 2018 SmartBrief's 4th Annual STEM Pathways Summit (smartbrief.com/events/smartbriefs-4th-annual-stem-pathways-summit)

Courses

- 2020 University of Baltimore Cyber 101 and Bits & Bytes Program (<https://cwit.umbc.edu/hs/hsprograms/>)
- 2020 Cybrary: Introduction to IT & Cybersecurity
- 2020 George Mason University Pre-college Cybersecurity courses
 - Cyber 101 Information Security & Cyber 102: Ethical Hacking (<https://volgenau.gmu.edu>)
- 2020 New York Historical Society Tech Scholars HTML Intro (<https://www.nyhistory.org>)

Seminars

- 2019 Chemistry, Astronomy, Physics, and Engineering (CAPE) Science Workshop (<https://cutt.ly/xzizZr>)
- 2019 Investigating the Contributions of Dr. Charles Drew (<https://tinyclips.com/tv8j3nd>)
- 2019 STEM Impressionists Speaker Series
- 2018 Artificial Intelligence Seminar (<http://aisummit.girlscomputingleague.org/>)
- 2018 EXPLO conference (<https://www.explo.org/exploration/explo-at-vale/>)
- 2017 Best of Reston Award Celebration Attendee (https://www.cornerstonesva.org/events_list/best-of-reston/)
- 2017 Sasha Alton, author: *Sasha Loves to Code* (pace.edu/news-release/nbc-washington-featured-lubin-student-sasha-alston)
- 2017 VEX Judge Training Camp (www.twitter/dehartstem)
- 2016 Children's Science Museum Design Invitation (<https://tinyclips.com/snv5yv7>)

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Competitions/Recognitions

- 2021 National Honorable Mention of the NCWIT Award for Aspirations in Computing
- 2020 National Honorable Mention
- 2020 Girls Who Start Design Hackathon: “My Nourishment” App (www.girls.org/2020-hackathon)
- 2019 Technica, University of Maryland Hackathon (<https://technica2019.devpost.com/>)
- 2019 SWE NEXT Design Lab Community Engagement Challenge, Team Award
“STEM Into Spring” Elementary School proposal (<https://welocal.swe.org/conferences/swenext-designlab/>)
- 2018 Robert H. Herndon Memorial Science competition: *Identifying the Significance of Water Scarcity* (aerospace.org/education/stem-/herndon-science-competition)
- 2017 NASA Parachuting onto Mars Challenge (<https://www.slideshare.net/AngelaDeHart/stem-impressionist>)

Certifications

- 07/20: Hermela Assefa, Building a Team: Identifying the Leaders Around You (<https://rb.gv/8zv1jx>)
- 07/20: IBM AI Foundations for Educators (<https://www.mymindsparklearning.org/ibm-ai-education>)

Internships

- 2019 Curriculum Designer/Educator for the Bright Computer Science Camp (www.thinkabitlab.com/lab)
- 2019 STEM Into Spring, Leadership Team: Financial planner (<https://www.slideshare.net/AngelaDeHart/stem-into-spring>)

Grants

- 2020 \$3000 National Center of Women and Information Technology Outreach Program
- 2019 Root Robot Grant
- 2019 \$1,000 SWENext Community Engagement Grant
- 2018, 2019: \$1,000 Girls Computing.org

Professional Activities

- 2018-present National Society of Black Engineers: *Communication Chair* (<https://bit.ly/2xZRWRk>)

Volunteer Activities/ Community Service

- 2017 Donated food to a local Shelter (slideshare.net/AngelaDeHart/stem-impressionists)
- 2016-2017 Peer-to-Peer teaching at Open Campus: *Extracting DNA* (<https://goo.gl/aTNkAW>)

Other Clubs

- Member: National Honor Society, Muslim Student Association, Black Student Association, Ethiopian/Eritrean Club, Equity Team, Varsity Field Hockey Co-Captain

REFERENCES upon request