

Abia Zahir

<http://www.stemimpressionists.org/>
www.linkedin.com/in/abia-zahir-a562351a5

abiazahir123@gmail.com
<https://twitter.com/dehartstem>

EDUCATION

Annandale High School, 2021
Area of Interest- College Major: Computer Science
GPA: 4.16

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

Coding

- 2021 Team Member of SIP: *Mentored Indian Kids on Scratch* ([Starting from Scratch Panel Discussion](#))
- 2018 5-Week Java Bootcamp (<https://myhsts.org/courses.html>)
- 2017 Kid Museum Scratch Certification Class: *Certified* (<https://scratch.mit.edu/>)
- 2014-2017 Hour of Code Participant (<https://hourofcode.com/us>)

Robotics

- 2018 Referee for VEX IQ McLean High School Regional Tournament ([VEX Robotics](#))
- 2018 Referee for VEX IQ Poe Middle School Scrimmage ([VEX Robotics](#))
- 2016-2017 Glasgow First Lego League Team: EV3 (<http://www.firstlegoleague.org/>)
- 2017 VEX Judges Training Camp (<https://bit.ly/2J2M19C>)

Presentations/Speaker

- 2020 Maret Independent School STEM Education Conference: *Panel Speaker* (twitter.com/m)
- 2019 Investigating the Contributions of Dr. Charles Drew (<https://tinyurl.com/tv8j3nd>)
- 2019 Chemistry, Astronomy, Physics, and Engineering (CAPE) Science Workshop (<https://bit.ly/>)
- 2019 George Mason University NoVa Maker Educator Meetup: *Student Speaker* (nova.makerfaire.com/)
- 2018-2019 George Mason University/NovaLabs MakerFaire (<https://makerfaire.com/>)
- 2019 STEM Into Spring, Leadership Team: *Parent Panel Organizer* ([SlideShare](#))
- 2018 Association for Career and Technical Education (ACTE) Teacher Conference ([ACTE](#))
- 2018 Scratch Conference: *Sharing Responsibilities for Learning* (media.mit.edu/videos/scratch-conference-2018)
- 2018 The Jefferson/ Overseas Technology Institute (JOSTI): *Scratch & Makey Makey* ([JOSTI](#))
- 2017-18 George Mason University's FOCUS STEM camp (<https://www2.gmu.edu/news/433876>)
- 2017 ScratchEd Meet-ups at KID Museum (<https://meetups.gse.harvard.edu/>)
- 2017 SmartBrief Education's 4th Annual STEM Pathways Summit (<https://goo.gl/HhOvRt>)
- 2016-2017 Hour of Code Presenter: *EV3 robot* (<https://www.slideshare.net/>) (<https://www.slideshare.net/week-of-activities>)
- 2016- 2017 Peer-to-Peer teaching at Open Campus: *EV3 robot* (<https://goo.gl/aTNkAW>)
- 2016 NASA Engineering Design Challenge (<https://goo.gl/vMzdEE>)

Seminars

- 2019-2020 George Mason University Youth and Engineering Seminar ([EngineeringConference](#))
- 2019 *STEM Into Spring*, Leadership Team: Parent Panel Organizer (<https://www.slidesharestem-into-spring>)
- 2020 Open Peacebuilding and Leadership Conference ([OPL_Conference_Photos](#))
- 2018 Best of Reston Award Celebration Attendee ([Reston Awards](#))
- 2018 USA Science & Engineering Festival EXPO (<https://usasciencefestival.org/>)
- 2018 Neuro Inspire Workshop ([Neuro Inspire](#))
- 2017-2018 Artificial Intelligence Conference (<https://aisummit.girlscomputingleague.org/>)
- 2017 Thomas Jefferson HS Middle School Technology Institute ([Summer Programs](#))
- 2017 VEX Judges Training Camp (<https://bit.ly/2J2M19C>)

Abia Zahir

<http://www.stemimpressionists.org/>
www.linkedin.com/in/abia-zahir-a562351a5

abiazahir123@gmail.com
<https://twitter.com/dehartstem>

-
- 2017 Sasha Alton, author: *Sasha Savvy Loves to Code* ([Sasha Alton: Sasha Savvy Loves to Code](#))
 - 2017 Washington D.C. X-STEM Symposium (<https://bit.ly/3djOWRC>)
 - 2016 Children’s Science Museum Idea Generation Seminar (<https://bit.ly/2Uv4f8Y>)

Competitions

- 2020 Girl Who Start Hackathon at Bullis School: “*My Nourishment*” App ([2020-hackathon](#))
- 2019 Technica All-Women’s Hackathon (<https://gotechnica.org/>)
- 2019 SWE NEXT Design Lab Community Engagement Challenge, Team Award
“STEM Into Spring” Elementary School proposal (<https://welocal.swe.org/conferences/>)
- 2019 Technology Student Association Competition, *Speed Debate* (<https://tsaweb.org/>)
- 2018 Hackathon Bishop Ireton High School, Time Management App: *Amazon Echo* ([HackBi](#))
- 2017 Air Force Association CyberPatriot Competition: *Securing Networks* ([CyberPatriots](#))
- 2017 American Mathematics Competition (<https://www.maa.org/>)

Recognition/ Awards

- 2021 Amazon Future Engineer Scholar ([Amazon Future Engineer](#))
 - Featured in the Ellen Show alongside Chris Pratt ([TheEllenShow](#))
- 2021 NCWIT Aspirations in Computing, National Honorable Mention ([2021 Winners and Mentions](#))
- 2020 AAUW Inclusion Award, \$500 ([AAUW Scholarship](#))
- 2020 Annandale HS School Science Fair: ‘*Power Lines Voltage Capacity from Insulation*’ ([Annandale High School Science Fair | Annandale High School](#))
- 2020 NCWIT Aspirations in Computing, Affiliate Honorable Mention ([Award](#))
- 2019 MYP Project Selected for School Fair: ‘*Scratch & Makey-Makey Game*’ (<https://www.ibo.org/>)
- 2019 Science Fair submission: ‘*Cell Phone Radiation*’
 - Fairfax County INTEL Regional Science Fair, 3rd Place in Physics ([INTEL Science Fair](#))
 - Annandale HS School Science Fair, 3rd Place in Physics ([Annandale High School Science Fair](#))
- 2018 ScratchED Teacher-to-Teacher February 15th Connection article (<https://tinyurl.com/w9nl2bs>)
- 2017 Science Olympiad Regional & State Competition (<https://bit.ly/3dmMX6u>)
Fairfax County Public School Board Recognition, Top 10 Performers: *Anatomy and Physiology*
- 2016 Science Olympiad Regional Competition, 6th Place: *Write It & Do It* (<https://bit.ly/3dmMX6u>)
- 2016 Afterschool Capital One Coding Club Participant:
 - Team Award: *Best Creative App*
 - Interviewed by local WUSA 9 news ([News Outlet](#))

Internships

- 2021 Jane Street Unboxed Internship ([Jane Street](#))
- 2019 Bright Computer Science Camp Summer Instructor & Curriculum Designer (<https://tinyurl.com/w97rqt6>)

Grants

- 2019 Root Robot Grant
- 2019 SWENext Community Engagement Grant, \$1000
- 2018, 2019: \$1,000 Girls Computing.org

Professional Activities

- 2018-present National Society of Black Engineers (NSBE): Treasurer

REFERENCES available upon request