

Lidya Demilew

<https://www.stemimpressionists.org>
<https://twitter.com/lidyaSTEM>

si.demilew@gmail.com
<https://www.linkedin.com/LidyaDemilew>

EDUCATION

Yale University, 2025

Lake Braddock Secondary School, 2021

GPA: 4.44

Area of Interest - College Major: Computer Science (CS)

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

CS

- 2020-Present: Data Structures and Algorithms, Python (In school)
- 2020: Foundations Of Artificial Intelligence IBM Badge ([IBM Badge](#))
- 2020: Coursera: Web Design for Everybody (<https://www.coursera.org/specializations/web-design>)
- 2020: AP Computer Science A: Java (*Earned a 5/5 on the Exam*) (<https://apcentral.collegeboard.org/a>)
- 2020: Tech Scholars Web Design: HTML5, CSS, JS (<https://www.nyhistory.org/education/teen-programs/tech-scholars>)
- 2018: 5-Week Java Bootcamp (<https://myhsts.org/courses.html>)

Robotics

- 2018: Judge for McLean High School Regional Tournament (<https://www.vexrobgame>)
- 2018: Judge for VEX Virginia State VEX VRC Competition (<https://www.vexburrename>)
- 2017: Judge for Poe Middle School Scrimmage (<https://www.vexrobotics.comt-game>)

Guest Presentation/Speaker

- 2021 ITEEA Conference Speaker (<https://www.iteea.org/ITEEA2021.aspx>)
- 2020 HackSIP Hackathon Student Panel (<https://www.linkedin.com/feed/update/urn:li:activity:6723793649458544640/>)
- 2020 Maret Independent School STEM Education Conference: Panel Speaker (twitter.com/m)
- 2019 Girls Computing League 1st Annual Gala (<https://www.girlscomputingleague.org/gala/>)
- 2018-2019 George Mason University/NovaLabs MakerFaire (<https://makerfaire.com/>)
- 2018 Jefferson Overseas Technology Institute (JOSTI): Sphero Robot Workshop ([//docplayer.net5ml](#))
- 2017-2018 George Mason University's FOCUS STEM camp (<https://cos.gmu.edu/stem/camps/focus-summp/>)

Seminars

- 2021 "Cyber-AI" Virtual Seminar Organizer and Host (<https://www.linkedin.com/posts/dehart>)
- 2020 'Girls Who Start' Design Hackathon: "My Nourishment" App (www.girls.org/2020-hackathon)
- 2019 Kid Museum: Community Conversation Conference, "Future Proofing the Next Generation" (https://twitter.com/angela_dehart?lang=en)
- 2019 Investigating The Contributions Of Dr. Charles Drew (<https://nmaahc.si.edu/dr-charles-drew>)
- 2018 Technica, University of Maryland Hackathon: *Hour of Code Game App* (<https://techn9.devpost.com/>)
- 2018 Bishop Ireton Hackathon: *Productive Time Management App* (<https://hackbi.org/>) ([devpost.cemts-ptm](https://devpost.com/cemts-ptm))
- 2017 Best of Reston Award Celebration Attendee (<https://www.cornerstonesva.org/event/best-of-reston/>)
- 2017 Artificial Intelligence Conference (<http://aisummit.girlscomputingleague.org/>)
- 2017 VEX Judges Training Camp (www.twitter.com/dehartstem)
- 2017 Sasha Alton, author: *Sasha Loves to Code* (pace.edu/news-release/nbc-washington-featured-lubin-student-sasha)

Lidya Demilew

<https://www.stemimpressionists.org>
<https://twitter.com/lidyaSTEM>

si.demilew@gmail.com
<https://www.linkedin.com/LidyaDemilew>

Recognition/Awards

- 2021 Coca-Cola Scholars Regional Finalist (<https://www.coca-colascholarsfoundation.org/apply/>)
- 2021 NCWIT Aspiration in Computing, VA Winner (<https://www.aspirations.org/user/149465>)
- 2020 Columbia University Engineering Experience (CE2) (<https://undergrad.admissions.columbia.edu/CE2>)
- 2020 Virginia Governor's School for STEM (http://www.doe.virginia.gov/instruction/governors_school_programs/)
- 2020 NCWIT Aspirations in Computing, VA Affiliate Honorable Mention (www.aspirations.org/149465)
- 2019 SWENext DesignLab Community Engagement Challenge, Team Award for
STEM Into Spring Elementary School proposal (<https://tinyurl.com/rthkhhv>)
- 2018 Science Fair submission: *The Effect of Water Quality On the Regeneration of Planaria*
 - INTEL Regional, 2nd Place (<https://student.societyforsci.org>)
 - Falls Church High School Science Fair, 2nd Place (<https://fallschurchhs.fcps.edu/>)
- 2017-2018 Aerospace Corporation's Annual Robert H. Herndon Science Competition ([RHSC](http://RHSC.org))
 - 2018 41st: *The Future of Modern Medicine*
 - 2017 40th: 2nd Place, *Investigating Flint* (<https://annandaleva.blogspotml>)

Internships

- 2019 Bright CS Summer Camp Instructor & Curriculum Designer (<https://bright-cs.blogspot.com/>)
- 2019 STEM Into Spring, Leadership Team: *Project Manager* (<https://www.slidesharestem-into-spring>)
- 2018 Seed Money Fundraising Team Intern, iSchool For the Future (ischoolforfuture.org)

Grants

- 2020 NCWIT Aspire-It Program Co-Leader (\$3,000)
- 2019 Root Robot Grant (\$500)
- 2019 SWENext Community Engagement Grant (\$1,000)
- 2018, 2019: Girls Computing League Grant (\$1,000)

Professional Activities

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

Volunteer

- 2018 Technovation Challenge Volunteer (<https://technovationchallenge.org/>)
- 2019-2020 Chemistry Tutor

Other Clubs

- Lake Braddock Chapter of *STEM To Inspire*, Director of Workshops ([instagram.inspire](https://instagram.com/inspire))
- Ethiopian-Eritrean Student Association, President (https://twitter.com/lbss_esa)
- Member: Model UN, Key Club, National Honor Society, Mathematics Honor Society, Computer Science Honor Society

REFERENCES available upon request