

MD ABID SIKDER

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Education

The Dalton School (Class of 2020)

(2014-Current)

Extracurricular Activities

Head and Co-Founder of HS Zoology Club

(2017-Current)

- I manage and take care of the animals on our school's Science Floor.
- I hold club sessions afterschool so that members can come by and do work as well, doing anything from cleaning out a tank to feeding the snake
- Animals include: red corn snake, 2 axolotls, guppies, and guppy fry as well. All in all, 1 large terrarium, 3 medium sized tanks, and 2 small tanks.

FTC Robotics (2016-Current)

- Team member of Uncertainty Principle #11453
- Designed 3d Cases for Robot Phone Controller

Skills

Computer Use & Programming

- Scripting and usage of UNIX `bash`
- Scripting and usage of Windows `Powershell`
- Using `Git` to Manage Revisions and Syncing Project Work
- Basic webpages in `HTML5/CSS3/ES6`
- Using `C` to write efficient, low-level programs
- Using `Python 3` to write scripts and do data-processing, while also using `Jupyter iPython` notebooks

\LaTeX

- Designing and writing long-form papers, along with bibliography management and citation
- Typesetting chemical equations and diagrams using packages `mhchem` and `chemfig`
- Typesetting mathematics and creating diagrams using `tikz`

Design Software

- Fusion 360 for CAD
- Adobe Photoshop and Illustrator CC

Animal Care and Tank Maintenance

- Small, Freshwater aquatic animals (Guppies, Betta fish, Axolotls)
- Snake Handling and Caring

Volunteer Experience

Corona Queens Library (2017)

- Organized and shelved books for all library sections.
- Helped elementary school children with summer homework.

8th Grade Algebra Math Class TA (2016-2017)