

# Isaac Feldman

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## Education:

### **Dartmouth College**

Hanover, NH

Anticipated Graduation 2023

Major: Computer Science

### **George C. Marshall High School**

Falls Church, VA

International Baccalaureate Diploma, 2019

## Work Experience:

### **Teaching Assistant, Accelerated Computational Linguistics, Dartmouth College**

Hanover, NH, 2021-current

Supports students taking Accelerated Computational Linguistics (COSC 72) by grading programming assignments, holding office hours and answering course questions.

### **Teaching Assistant, Intro to Computer Science, Dartmouth College**

Hanover, NH, Winter 2021

Supported students taking the introductory Computer Science course (COSC 1) by hosting office hours, grading exams, and holding recitation meetings where students can practice developing their skills.

### **Student Employee, Book Arts Workshop, Dartmouth Library**

Hanover, NH, 2020-current

Provides training and support for a program that uses both traditional and contemporary methods to explore the arts and history of bookbinding, printing and typography. Trained to use historical equipment and methods for letterpress printing and bookbinding.

### **Instructor, Washington Sailing School**

Washington, DC, 2016-2019

Served as a professional staff instructor, teaching children ages 8 -15 and adults how to sail small- and medium-sized boats on the Potomac River in Washington D.C. Maintains and repairs the sailboat fleet.

### **Student Technician, Fairfax County Public Schools**

Falls Church, VA, 2016-2019

Employed by Fairfax County Public Schools to support and run the sound and lighting systems at Marshall High School for community events that utilize the school's space and equipment.

**Extracurricular Activities:****Secretary; Access Consultant, Access Dartmouth**

Serves as a consultant for Access Dartmouth, a mentorship organization for incoming students with disabilities and access challenges to help ease their transition to Dartmouth. The group engages in accessibility advocacy on campus, working to support structural changes that create a more supportive environment for students with disabilities.

**Electrical Team, Dartmouth Formula Racing**

Designed and assembled the dashboard electrical systems and overall vehicle wire harness for an all-new, all-electric race car for the 2020 season, which is being designed, built and driven by students. Trained in soldering and electrical systems assembly.

**Publications:****Neural Machine Translation Models with Back-Translation for the Extremely Low-Resource Indigenous Language Bribri**

Isaac Feldman, Rolando Coto Solano; Proceedings of the 28th International Conference on Computational Linguistics (2020)

**Honors:**

1st Place, Fairfax County Regional Science Fair (2018),

1st Place, Marshall High School Science Fair (2018)

VA State Film Festival Audience Choice Award, Virginia High School League (VHSL) 2018

Served as writer, director, cinematographer and editor for this award-winning public service announcement (PSA) on leadership.

**Proficiencies:**

Languages - Spanish (intermediate), English (native)

Programming Languages - Java, C#, C

Scripting Languages - Python, Bash, HTML

Software - GNU/Linux, git, Fusion360, Unity