CSTA

2022-2023 Cutler-Bell Application

This document reflects all questions asked on the application to help you better prepare for the submission.

Getting Started/Submittal Process
1. Go to the application website
2. Select "Submit application."
3. Create a Cvent account, using a personal email address (not a school account).
4. Follow the application prompts, and fill out all required information including the required student consent form.
5. You will receive a confirmation message when submitted. If you have any questions regarding the process, please reach out to awards@csteachers.org. All applicants will receive notice of their application status by early April 2023.

Applicant Information:

- Legal First Name
- Legal Last Name
- Preferred Name
- Pronouns
- Age: Over 18/Under 18
- Do you live in the United States?
- Parent/Guardian Name
- Parent/Guardian Email

- **Demographic Information:**
  - Race/Ethnicity (select all that apply):
    - White or Caucasian
    - Black or African American
    - Asian or Asian American
    - Hispanic or Latinx
    - American Indian or Alaska Native
    - Native Hawaiian or Other Pacific Islander
    - Another Race or Ethnicity
    - Prefer not to answer

- **Gender:**
    - Female
    - Male
    - Non-binary
    - Gender not listed
    - Prefer not to answer

Your School Information:
- Current High School Name
- School Address
- (New this year) Please indicate which applies to your school: Public, Private, Homeschool
- Specialist STEM school?
- Teacher/Advisor Name
- Teacher/Advisor Email
- Intended College/University
- Intended Major

Project Information:
- Project Title
- Have you submitted this project to another award or scholarship?
    - If yes - Please list where you submitted this project.
- Is this a group project that is being submitted with other students? (You will have the opportunity to add Co-Authors on the Applicant Information page)
- Did you work with a research lab or university for this project?
    - If yes - Please describe the assistance you received and your participation in the project.
- Are you involved in any CS Organizations (CSHS etc.)?
    - If yes - Please list your society name.
- Do you give us permission to use portions of this application to assist future applicants during the submittal process (this will not affect your project's score)?
- **Video:**
    - Please provide a two-five minute video demonstrating your project.
        - The video must feature a verbal or typed explanation of the project.
        - The video must include a visual display of the project in action.

      The video explanation may assume that reviewers have a technical background but may be unfamiliar with the specific technology you are using.

      A strong video will include a call to action or mission statement demonstrating why the project is valuable.
- Please upload the completed student consent form.

Essays:
- Essay Prompt 1 - Describe the nature of the project (750 total words):
  - 1. Give an overview of your project, describing what you created and its intended purpose (250 words).
  - 2. Describe the process you used to design your project (250 words).
  - 3. Describe the problem or issue your project addresses (250 words).

- Essay Prompt 2 - Describe the impact of the project (1000 total words):
  - 1. How will your project contribute to the current and future world of computer science (250 words)?
  - 2. Describe what makes your project innovative (250 words).
  - 3. How have you deployed or could you deploy this project to make a difference in your community (500 words)?

- Essay Prompt 3 - Describe the technical aspects of the project (750 total words):
  - 1. Give technical details showing the computational logic you used to create or plan this project (250 words).
  - 2. Describe any technical challenges you faced in your project as well as the way these problems impacted the results (250 words).
  - 3. Provide details relating to the plans you made, including algorithms and other abstractions (250 words).

Submission of Code:
- Provide source code for your project as a zip file.
  1. The code sample should use the best available tools and techniques.
  2. The code sample must address the issue or problem you chose to address.
  3. The code sample must run as intended.

Strong submissions will include clean code with clear documentation, especially using comments, and will use code that demonstrates industry-standard practices.