

CS4HS

Eighth Annual Student Showcase and Competition

SUNY Buffalo State

June 6, 2020

**Schedule**

Event begins at 10:00 am, June 6, 2020

Zoom Meeting ID : 819 8816 3149

Welcome

Dr. Neal Mazur, Chair, Computer Information Systems Dept., Buffalo State

Introduction of Organizers

Introduction of Teacher/Mentors

Students, Schools, and Project Overview

Project Showcase

Student Certificate Presentation

Award Ceremony

Final Thoughts

SUNY Buffalo State

1300 Elmwood Avenue

Buffalo, NY 14222

**CS4HS**

CS4HS is an annual grant program sponsored by Google promoting computer science education worldwide by connecting educators to the skills and resources they need to teach computer science & computational thinking concepts in fun and relevant ways. Our team at SUNY Buffalo State has been honored to present a workshop in the CS4HS program for over 250 Western New York Middle and High School teachers for eight summers. The **CS4HS Student Showcase and Competition** represents the results of a number of these teachers starting computer science clubs or offering computer science classes at their schools.

**Event Organizers**

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| --- | --- |
| * ***SUNY Buffalo State Faculty:***      * + Dr. Neal Mazur   + Dr. Sarbani Banerjee   + Prof. Maria Garrity   + Prof. James Gerland   + Prof. Charles Arbutina   + Dr. Ramona Santa Maria   + Prof. Andrew Garrity   + Prof. Eric Nagel | * ***SUNY Buffalo State Student:***      * + Mr. Michael Grzeskowiak |

**Student Projects**

* ***Allendale Columbia School***
  + Mary Cotter – Poster

Project Title: Watching Our Water; Predicting Water Quality from Satellite Images

Teacher Mentor: Tina Duver

* + Ryan Mogauro – Computer Program

Project Title: Class Calculator

Teacher Mentor: Maya Crosby

* ***Buffalo Seminary***
  + Angelina Myles – Computer Game

Project Title: Prior to the Pandemic (PTTP)

Teacher Mentor: Beth Adamczyk

* + Magdalen McColluch – Computer Program

Project Title: Dr. Magnus Hirschfeld Simulator

Teacher Mentor: Beth Adamczyk

* + Onvida Serixay – Computer Game

Project Title: Maps and Dimension Jumping

Teacher Mentor: Beth Adamczyk

* + Sasha Wittenbrink – Computer Program

Project Title: Home Run

Teacher Mentors: Beth Adamczyk

* ***Nardin High School***
  + Lenore Brown – Computer Game

Project Title: Snake Game

Teacher Mentor: Pam Healy

* + Christina Nowicki – Computer Program

Project Title: Recipe Revealer - What Should You Make for Dinner?

Teacher Mentor: Pam Healy

* + Carys Popat – Computer Game

Project Title: Addition Game

Teacher Mentor: Pam Healy

* + Tess Trammell – Computer Game

Project Title: Guess that Celebrity

Teacher Mentor: Pam Healy

* ***Transit Middle School***
  + Joshua Becker – Web Design

Project Title: SmartStocks

Teacher Mentor: Larry Goble

* + Ridhi Garg – Robotics

Project Title: Sol Bot

Teacher Mentor: Larry Goble

* + Monal Gupta, Jasmitha Keesara – Web Design

Project Title: J and M Blog

Teacher Mentor: Larry Goble

* + Arjun Kodial, Zyad Zahra – Robotics

Project Title: Zyad and Arjun's Amazing World Introduction to the Vent Crawler

Teacher Mentor: Larry Goble

* + Alex Liang, Eric Liu– Computer Game

Project Title: Presidential Pandemic

Teacher Mentor: Larry Goble

* + Ananth Narayan –Robotics

Project Title: “The Joystick” Smart Car

Teacher Mentor: Larry Goble

* + Alexander Smith – Computer Game

Project Title: Brim

Teacher Mentor: Larry Goble

* ***University High School***
  + Sirihaasa Nallamothu – Computer Program

Project Title: LeukosCognosis: A Machine Learning Algorithm to Diagnose Leukemia

Teacher Mentor: Sateesh Nallomothu, Cory Culbertson

* ***West Seneca Christian School***
  + Allison Gummo – Computer Program

Project Title: Learning Animal Sounds

Teacher Mentor: Orlando Buria

* + Faith Gummo – Computer Program

Project Title: Down Home Yum

Teacher Mentor: Orlando Buria

* + Alyssa Hagelberger – Computer Program

Project Title: Where would you like to shop?

Teacher Mentor: Orlando Buria

* + Rachel Mohr – Computer Game

Project Title: My Garden

Teacher Mentor: Orlando Buria

* + Ethan Szczygiel – Computer Game

Project Title: A Clicker Game

Teacher Mentor: Orlando Buria

* + Sierra Wiesmore – Computer Program

Project Title: States and Capitals

Teacher Mentor: Orlando Buria

* + Sarah Zolnowski – Computer Program

Project Title: Animal Quiz

Teacher Mentor: Orlando Buria

* ***Williamsville North High School***
  + Zaid Arshad – Web Design

Project Title: Note-Share

Teacher Mentor: Julie Johnson

* + Nick Masi – Computer Program

Project Title: Hand-E Timer

Teacher Mentor: Julie Johnson

* ***WNY Maritime Charter***
  + David Wright, Joshua Pearson – Robotics

Project Title: Robotics Grocery Delivery

Teacher Mentor: Kevin Gee

* + Madalyn Lucas – Web Design

Project Title: Robotics Grocery Delivery Website

Teacher Mentor: Kevin Gee

**Thank You for Participating**

Our sincerest thanks to all teachers, students, judges, guests and Buffalo State Student Assistants who have participated in this event. We appreciate your support!

~ Neal and Sarbani

**We would like to offer special thanks to our sponsors:**



**SUNY Buffalo State Office of Admissions**

**SUNY Buffalo State Computer Information Systems Department**