

CS4HS

Third Annual Student Showcase and Competition

SUNY Buffalo State

May 30, 2015

**Schedule**

9:30 – 10:00: Set-up & Breakfast

Technology Building Lobby

10:00 – 11:00: Showcase & Competition

11:00 - 11:30: Student Interaction

Technology Building Lobby and Technology 140

11:30 - 12:00: Close-Down & Lunch

Technology 160

12:00 – 12:15: Address from D Feher of Google

Technology 160

12:15 - 12:45: Project Presentations

Technology 160

12:45 – 1:00 Award distribution

Technology 160

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 50 Western New York Middle and High School teachers the past two summers. The **CS4HS Student Showcase and Competition** represents the results of a number of these teachers starting computer science clubs and offering computer science classes at their schools.

**Event Organizers**

* ***SUNY Buffalo State Faculty:***
  + Dr. Neal Mazur
  + Dr. Sarbani Banerjee
  + Dr. Ramona Santa Maria
  + Dr. Barbara Sherman
  + Mr. Charles Arbutina
  + Mr. Andrew Garrity
  + Mr. James Gerland
* ***SUNY Buffalo State Students:***
  + Mr. Omar Abdulrahman
  + Ms. Mercedes Brooks
  + Mr. Adam Doctor
  + Mr. Steve Maciejewski
* ***Buffalo State Staff:***
  + Ms. Tammy Anna

**Student Projects**

* ***Casey Middle School***
  + Zaid Arshad, Nick Barillari – Computer Program

Project Title: BTPSWP ( buttons that play songs when pressed )

Teacher Mentor: Larry Goble

* + Ethan King – Computer Game

Project Title: Mathematical Quest

Teacher Mentor: Larry Goble

* + Sayantika Roy, Prakriti Setlur – Web Page

Project Title: Think Bold: Power!

Teacher Mentor: Larry Goble

* + Joshua Jung – Computer Program

Project Title: Pixel Escape

Teacher Mentor: Larry Goble

* + Aryaa Deshpande, Yolanda Wang – Computer Game

Project Title: The Random Game

Teacher Mentor: Larry Goble

* + Ronald Vincent – Computer Game

Project Title: Math Chase

Teacher Mentor: Larry Goble

* + David Su – Computer Game

Project Title: Get the Element!

Teacher Mentor: Larry Goble

* + Connor Smith, Adam Klein – Computer Game

Project Title: Magical Math

Teacher Mentor: Larry Goble

* + Andrew Lin – Computer Game

Project Title: Making the Perfect Hamburger

Teacher Mentor: Larry Goble

* + Mustafa Gundroo – Computer Game

Project Title: Star Chase

Teacher Mentor: Larry Goble

* + Nick Masi – Computer Game

Project Title: Arduino Esplora Game

Teacher Mentor: Larry Goble

* + Maddie Nadrich – Robotics

Project Title: Color Sensing Robot

Teacher Mentor: Larry Goble

* + Miranda Peer, Sarah Nyaanga – Computer Game

Project Title: Piano Playing

Teacher Mentor: Larry Goble

* + Dina Nyaanga – Computer Game

Project Title: Fly Away

Teacher Mentor: Larry Goble

* + Anish Lakshman, Patrick Ames– Robotics

Project Title: Ollie Epic Tricks

Teacher Mentor: Larry Goble

* + Lucas Sommer – Computer Program

Project Title: Child Day

Teacher Mentor: Larry Goble

* + Sarmad Wahab – Robotics

Project Title: Aerodynamic Flying Model

Teacher Mentor: Larry Goble

* ***Cleveland Hill High School***
  + Jared Renzi – Computer Programs

Project Title: GraphScript

Project Title: The Block Scheduler

Teacher Mentor: Steve Maranto

* + Elizabeth Metzger – Computer Program

Project Title: Gas and Wash

Teacher Mentor: Marcie McDougal-Domroes

* + Ryan Osswald – Robotics

Project Title: Ryan’s Really Rad Robot

Teacher Mentor: Steve Maranto

* ***North Tonawanda High School***
  + Maxwell Cohn – Computer Program

Project Title: Word Search Generator

Teacher Mentor: Barb Sattelberg

* + Ariana Burns – Computer Program

Project Title: Music Maker

Teacher Mentor: Barb Sattelberg

* ***Williamsville North High School***
  + Lisa Ni – Computer Game

Project Title: Bubble Trouble

Teacher Mentor: Julie Johnson

* + Casey Koenig – Computer Games

Project Title: Snake

Project Title: Chess Computer

Teacher Mentor: Julie Johnson

* + Bhaskar Roberts – Computer Program

Project Title: Cad-bury Chocolate

Teacher Mentor: Julie Johnson

* + Kathan Roberts, Ling Ming Kong – Robotics

Project Title: Dorm Defender

Teacher Mentor: Susan Recoon

* ***Nichols Middle School***
  + Steven Hall – Computer Game

Project Title: Jake’s Adventure

Teacher Mentor: Tom Maynor

* + James Coburn, Kyan Chase – Computer Game

Project Title: Caveman Rush

Teacher Mentor: Tom Maynor

* + Rohit Rachala, Anu Kumar, Lucas Kiewick – Computer Game

Project Title: Dot Battle

Teacher Mentor: Tom Maynor

**Thank You for Participating**

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

Sarbani, Neal, Barbara and Ramona

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



**SUNY Buffalo State Office of Admissions**

**SUNY Buffalo State Computer Information Systems Department**