**Academy Update**

This past month we focused on celebrating our students and their accomplishments. Students shared projects they are proud of at our Year End Celebration event, and we recognized students who completed a pathway or earned a certificate this year. We also heard from our seniors about their favorite memories from their time in the CS Academy and their plans for after high school. We have an impressive group of seniors this year who we are lucky to have had share their passion, creativity, determination, and sense of humor with us over the past four years.

For the first time this year we have a CS Academy Yearbook, which you can find [here](#)! Students Julia and Karleigh did a wonderful job creating it.

As we wrap up this school year we are already looking ahead to next year and welcoming new and returning students. Mark your calendars now for our kickoff event and family picnic on Saturday, August 14!

Finally, I want to share my appreciation for the students and parents of the CS Academy. This year I have seen students overcome so many challenges to learn, create, build relationships, and share their enthusiasm both online and in person. I have been impressed with their resiliency and flexibility. Parents have been incredibly supportive of both their students and the staff of the CS Academy. Thank you!

**Student Work**

Student work from all classes can be found on [our website](#). This is a great way to see what your friends in other classes did this year and to get an idea of what types of projects you will be doing in future CS classes.

**Recent Events**

**Lunch speaker**

**Upcoming Events**

<table>
<thead>
<tr>
<th>Date</th>
<th>Time</th>
<th>Event Description</th>
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<tbody>
<tr>
<td>6/7-6/11</td>
<td>9:30 am-11 am</td>
<td>Creative Computing Camp/ Art &amp; Design for 6-8th graders (virtual)</td>
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<tr>
<td>6/14-6/18</td>
<td>9 am-12 pm</td>
<td>Creative Computing Camp/ Art &amp; Design for 6-8th graders (in person)</td>
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<tr>
<td>8/14</td>
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<td>Kick Off</td>
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<td></td>
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<td>- 3-5pm Kick Off Orientation for 9th, 10th graders &amp; new students. 11th &amp; 12graders needed as volunteers (a great way to earn community service hours!)</td>
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<td></td>
<td></td>
<td>- 5-6pm Kick Off Family Event - all academy family picnic</td>
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<td>8/17</td>
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<td>First Day of 2021-22 School Year</td>
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The lunch speaker for the Computer Science Academy this month was Vito Dinovi. He works with cybersecurity at Invoca. In his presentation he discussed various vulnerabilities with online sites, describing the vulnerabilities as well as ways to prevent them from being an issue, and examples of real attacks which have occurred using the vulnerability. In addition Dinovi discussed several interesting opportunities to learn about cybersecurity, including hackathons, conferences, and websites which teach users about cybersecurity through example problems. One main takeaway I had from this presentation was that it is important to always consider one’s safety online. Throughout his presentation Dinovi stressed how important it is to be careful (considering whether it is necessary to enter personal information before submitting, considering where information is going, etc.) as anyone participates in an online activity.

--Timo Williamson

Extracurricular Activities

The opportunities below were shared with students via NEO this past month.

STEAM Ahead Camp

We give young women a chance to get (and stay) excited about being innovators and leaders in the fields of science, technology, engineering, entrepreneurship, the arts and mathematics. Let’s go! This is also a great opportunity to build leadership skills and do some self discovery work.

2021 Dates for these individual two-week sessions:
SESSION 1: June 21-25 & June 28-July 2
SESSION 2: July 12-16 & July 19-23
M-F, 9am to 2pm online each day, with afternoon independent activities by choice. We will include a 30 minute lunch break.

Website: https://steamaheadcamp.com/
Video: https://youtu.be/avhGlIw0_nM
**Summer internships at Toyon**
Toyon, the company that Mr. Muhl works at, just announced another paid summer internship available to high school students. The job listing is below. It is unusual to find these sorts of jobs available to high school students, and they are a great way to give you a leg up on college and landing future internships.

Previously announced job listing: [https://drive.google.com/file/d/1Lugvwo3W0JsSMEKAmJ4GsJ0jM9eu--KW/view?usp=sharing](https://drive.google.com/file/d/1Lugvwo3W0JsSMEKAmJ4GsJ0jM9eu--KW/view?usp=sharing)
New job listing: [https://drive.google.com/file/d/1zg2YYzHO39qxflxAaau3CTOnlDNfl6r/view?usp=sharing](https://drive.google.com/file/d/1zg2YYzHO39qxflxAaau3CTOnlDNfl6r/view?usp=sharing)

**Volunteer at the Museum of Sensory & Movement Experiences**
The Museum of Sensory & Movement Experiences ([http://www.seehearmove.com/](http://www.seehearmove.com/)) is looking for high school students to volunteer as docents and occasionally help briefly at the front desk. These students should have some knowledge of both the artistic and technical side of computational art. Volunteers may eventually have the opportunity to help develop future exhibits.

**Summer program in Artificial Intelligence and Cybersecurity**
TechHive:AI is a free, online summer program in Artificial Intelligence (AI) and Cybersecurity hosted by the Lawrence Hall of Science and the CITRIS and Banatao Institute's Policy Lab at UC Berkeley. TechHive:AI is open to rising high school juniors and seniors (11th and 12th grade) located anywhere in the country. Students will explore the possibilities and potential risks that AI brings to our lives. No prior computer science or AI technical experience is necessary to participate!
Time: Mondays through Fridays on July 19-23 and July 26-30 from 1 to 4pm.
To apply: [https://citrispolicylab.org/techhiveai/](https://citrispolicylab.org/techhiveai/)
Priority consideration will be given to those who apply by Monday, May 31st at midnight PT.
Applications close on Friday, June 11 at midnight PT.
Students will be notified of selection on or before Wednesday, June 16

**Website to build your coding skills**
CodeWars ([https://www.codewars.com/](https://www.codewars.com/)) is a website to practice coding through completing challenges. Guest speaker Lauren Wong recommended it when she spoke with students earlier this year.