EXHIBITION HALL

Companies/Non-Profits

- Blue Origin
- Google
- Institute for Systems Biology
- Microsoft
- Microsoft—Academic Ecosystems
- Microsoft—MakeCode
- Microsoft—Minecraft: Education Edition
- Microsoft—Research
- Microsoft — Small Basic
- Microsoft—Store
- Microsoft—University Recruiting
- Microsoft—Visual Studio Code
- Microsoft — Xbox
- Microsoft Philanthropies—TEALS
- Nintendo Technology Department
- Pacific Northwest National Laboratory
- Philips Healthcare – Ultrasound R&D
- Splunk
- Tableau Software
- The Walt Disney Company

Educational Organizations

- AccessCSForAll and DO-IT
- Bellevue College
- Carnegie Mellon School of Computer Science
- Central Washington University
- Coding Dojo
- DigiPen Institute of Technology
- Girls Who Code
- Lake Washington Institute of Technology
- Make School
- Microsoft — LEAP
- Pacific Lutheran University
- Seattle University
- University of Idaho College of Engineering
- University of Washington—Bothell
- University of Washington—Computer Science & Engineering
- University of Washington—Tacoma
- Washington State Opportunity Scholarship
- Washington State University Tri-Cities

Tips & Guidelines

- Remain inside the Conference Center for the CS Fair. Be respectful of others and of property.
- Actively participate and engage in break-out sessions, workshops, and fair. Each time a student has a meaningful interaction with a booth, they may ask to receive a hole punch for their punch card.
- At 12:30PM, students must be in the lunch room specified on the back of their badge.
- If you have any concerns during the fair, please find a TEALS Staff Member with a black TEALS badge.

TEALS Program

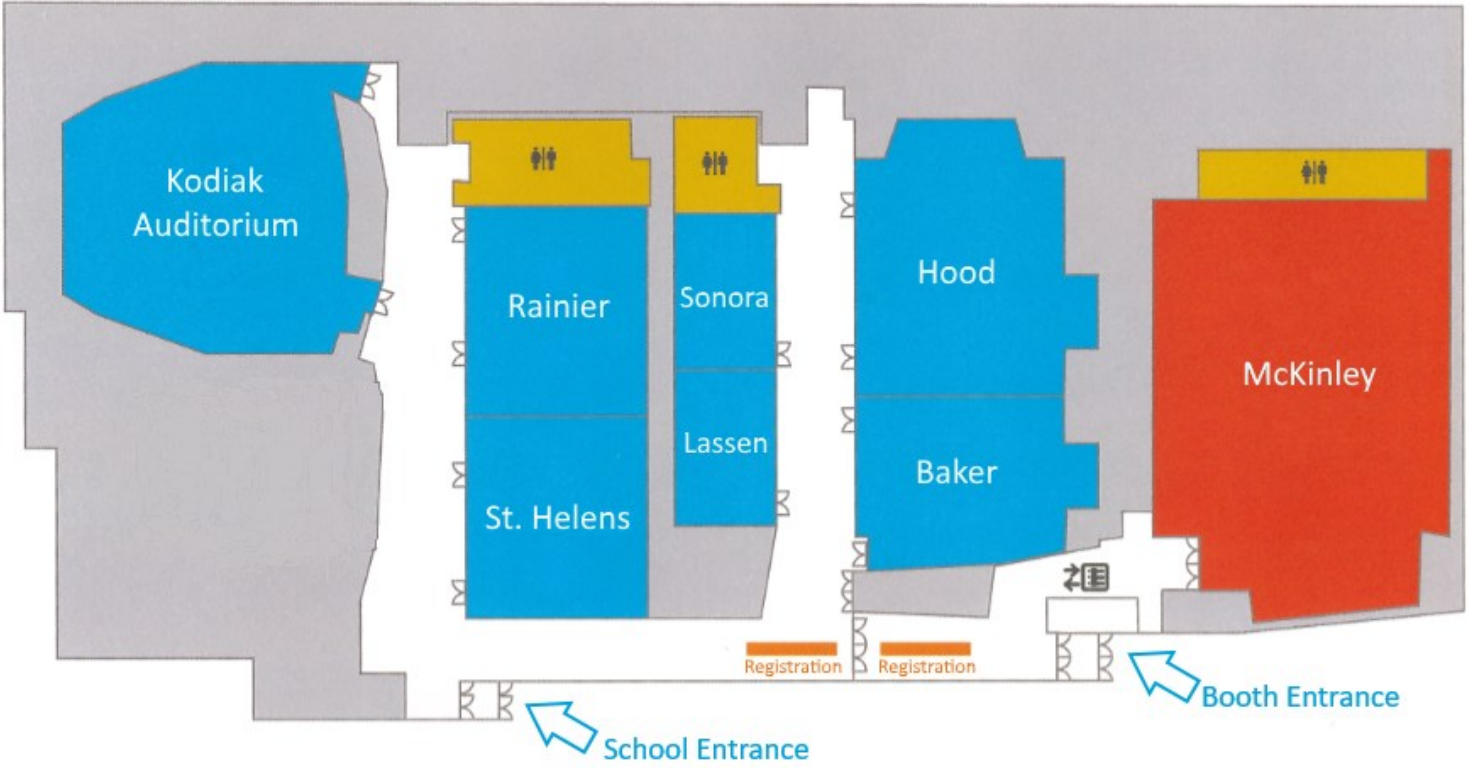## Dec. 16, 2019

COMPUTER SCIENCE FAIR

Explore computer science pathways and opportunities

Microsoft

Microsoft Conference Center | Redmond, WA

AGENDA

	Doors Open 9:00AM	Session 1 9:10 - 9:50AM	Session 2 10:00 - 10:40AM	Session 3 10:50 - 11:30AM	Session 4 11:40 - 12:20PM	Lunch 12:30 - 1:00PM
McKinley	Exhibition Hall				Exhibition Hall Closes at 12:00PM	Booth Cleanup
Baker	-	Careers in CS	Careers in CS	CS for All	CS for All	
Hood	-	Learn About Post-High School Programs	Learn About Post-High School Programs	Opportunities for HS Students	Opportunities for HS Students	
Kodiak	-	Making Games for a Living	Making Games for a Living	Conversational AI (Lili Cheng)	Conversational AI (Lili Cheng)	
Rainier	-	Physical Computing with Microsoft MakeCode and Micro:bits	Physical Computing with Microsoft MakeCode and Micro:bits	Post-AP Student Showcase	Post-AP Student Showcase	
St. Helens	-	The Cloud is More than Just that Thing in the Sky	The Cloud is More than Just that Thing in the Sky	Lightning Talk: AI/ML	Lightning Talk: AI/ML	
Lassen	HoloLens (Ticket Required*) *Tickets can be acquired from the HoloLens booth in the Exhibition Hall					-

BREAKOUT SESSIONS

Workshops

Physical Computing with Microsoft MakeCode and Micro:bits
Session 1 & 2 (Rainier)
Come join us for a fun coding activity with MakeCode and Micro:bits! The Micro:bit is a small all-in-one micro-controller device which has sensors, lights and buttons which you can program. This activity is appropriate for all experience levels – we'll be using a block-based coding language in the main activity, and for more experienced students, they have the option to write more advanced challenges in JavaScript.

Post-AP Student Showcase
Sessions 3 & 4 (Rainier)
Come see how fellow high school students have used previous learnings in their computer science classes to build some awesome and varied projects. Hear about a top-down adventure game, VR applications, an evolution simulator, a random maze generator, and more!

Panels & Presentations

Careers in CS
Sessions 1 & 2 (Baker)
Careers in CS go beyond software engineers and developers. This panel discussion showcases three unique career paths in which computer science has played a major role in their lives. You will have the opportunity to talk to a Microsoft UX designer, a technical product manager for Google education, and a lead environment artist at Probably Monsters.

CS for All
Sessions 3 & 4 (Baker)
ALL students should have the opportunity to learn computer science so we can build a future fueled by a diverse set of experiences. Come talk to CS professionals —a CWU professor researching accessibility, a UW lecturer, a Microsoft attorney, and Bytesize Child Care co-founder—who are challenging stereotypes in technology fields, and learn how today's diversity and inclusion efforts can benefit you and our world.

Conversational AI (Lili Cheng)
Sessions 3 & 4 (Kodiak)
Lili Cheng is the Corporate Vice President, Conversational AI, Microsoft Corporation. Come hear the latest on AI, data and design, and how this changes the way we think about how people use and create software.

Learn About Post-High School CS Programs
Sessions 1 & 2 (Hood)
What are your chances of being accepted and how can you better your chances? What is it like to be a CS student at a small college versus a large university? How are college CS programs different from each other? Get answers to these questions and more from representatives at University of Washington, Central Washington University, North Seattle College, Carnegie Mellon University, and the Make School.

Lightning Talk: Artificial Intelligence/ Machine Learning
Sessions 3 & 4 (St. Helens)
Interested in artificial intelligence and machine learning? Whether you've explored neural networks or seen viral videos of robots doing unbelievable human tasks, come hear how AI/ML are pushing the boundaries in various areas including self-driving cars, wildlife conservation, and audio research!

Making Games for a Living
Sessions 1 & 2 (Kodiak)
Does a job developing games sound exciting to you? Come hear from game development professionals (Xbox, Super Meatboy, Sucker Punch Games, and Amazon) about how they got into the game industry, the different roles on a game development team, what is it like to work on games behind the scenes day-to-day, and anything else you want to know about making games for a living.

Opportunities for High School CS Students
Sessions 3 & 4 (Hood)
In this panel discussion you will hear from Expedia, Microsoft, and Institute for Systems Biology program managers on how to successfully apply to and be hired into a CS summer program or internship as a high school student. You will also hear first-hand from a UW CS student about student opportunities and how they open doors to a successful future. Come prepared to ask questions and get answers!

The Cloud is More than Just that Thing in the Sky
Sessions 1 & 2 (St. Helens)
You may have heard about "The Cloud" and wondered, What is it? Why do we need it? How can I use it? We'll give you a crash course in cloud basics so you can walk away knowing how to make your app/game/website accessible to the world.

#tealscsfair