WHAT IS THE
BSA Innovation Design Challenge?

BOY SCOUTS OF AMERICA®
CAPITOL AREA COUNCIL

Boys and girls in the Capitol Area Council, Boy Scouts of America (Central Texas area) will create a Mobile application that addresses a United Nations Sustainable Development goal using the Code.org app lab. Participants with the top designs will advance to a special event and pitch their design to a panel of industry tech leaders. Scouts with the top six designs will win between $500- $3,000 for their Scout unit.

The BSA Innovation Design Challenge will allow Scouts to:

- Use creative strategies to develop solutions that focus on a United Nations Sustainable Development Goal
- Use computer science/engineering strategy to develop a project
- Assess and modify the project through testing and the design process
- Present their project and findings to tech industry leaders in their community

Why participate in the BSA Innovation Design Challenge?

Tomorrow's leaders must understand how to program computers and other smart devices.

- Employment of computer and information research scientists is projected to grow 16% from now until 2028, faster than the average for other occupations.[1]
- An estimated 1 million computer programming-related jobs in the US are expected to be unfilled this year.[2]
- Computer science is one of the highest-paying fields, with an average starting salary of $65,900.[3]

Through the BSA Innovation Design Challenge, Scouts will learn what is required to create an innovative solution and how to invent, innovate, and implement an idea that improves the community.

1. www.bls.gov | 2. fullscale.io/talent-shortage-software-developers | 3. appliedcomputing.wisconsin.edu

TIMELINE

Hour of Code/Innovation Design Challenge (IDC) Kickoff
November 23, 2019

Build your App Work Day
March 28, 2020 from 9am-5pm

Programming Merit Badge Online Classes hosted by Microsoft
May 18, 19, 2020

App Presentation + Career Discussion
May 21, 22, 2020

IDC Committee determines finalists
May 27, 2020

IDC Pitch Party and Winners Selected
September 2, 2020 at 5:30pm

PRIZES

All prizes will be awarded to a Scout's unit:

FIRST	SECOND	THIRD
$3,000	$2,000	$1,000

FOURTH	FIFTH	SIXTH
$500	$500	$500

SPONSORS

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Learn how to enter the IDC contest and submit your Mobile App project @ https://bsastemnova.org/innovationdesignchallenge

BSA Innovation Design Challenge

Wednesday, September 2, 2020
5:30PM – 8:00PM
Capital Factory – Voltron Room
701 Brazos St. Austin, TX 78701

Heavy hors d'oeuvres and beverages will be provided

By: Ben Cassar

below water

1010

If employees in your company are interested in mentoring a scout at the IDC event, contact David Lawrence at 512-944-7769 or david.lawrence@ scouting.org

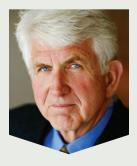## BSA Innovation Design Challenge Panelists

Hugh Forrest
Chief Programming Officer
SXSW

Gordon Daugherty
President & Co-founder
Capital Factory

Wendy Howell
Chief of Staff
Cisco Systems

Bob Metcalfe
Co-Inventor
Ethernet
Co-Founder
3Com

Amber Allen
CEO
Double A Labs

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