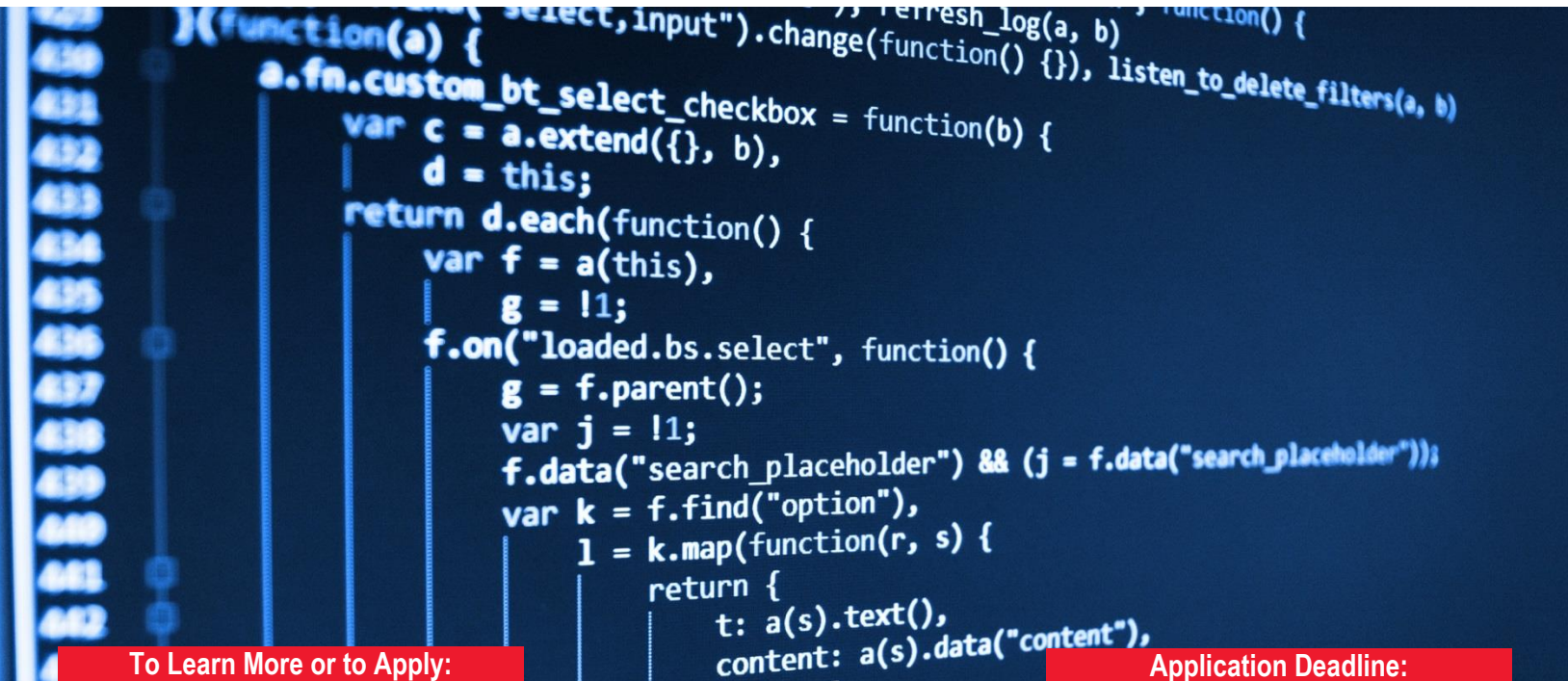**LOCKHEED MARTIN**

Learn Software Development

A virtual STEM education & work-based mentored experience

To Learn More or to Apply:
www.vthitec.org

Application Deadline:
November 20, 2019

Take advantage of a free educational opportunity

High school juniors and seniors age 16 and over, are you looking to explore a career as a Software Developer? Here is your opportunity to get started.

What you'll get

+ Two free online college-level courses (first one in the Spring 2020, the second in Summer 2020):
  - *Software Development Fundamentals*
  - *Introduction to Systems Engineering*
+ A team of dedicated instructors and teaching assistants
+ Individualized mentoring by employer subject matter experts
+ Hands on, project-based education and learning
+ Up to six college credits from Columbia College of South Carolina
+ Potential consideration for a paid internship at Lockheed Martin

Qualifications

+ High school juniors/seniors age 16 and over
+ No prior programming experience required
+ Rural, at-home and disadvantaged schools a priority
+ Access to internet
+ Recommendation from school, teacher, or parent

Develop skills in these high technology areas

+ Computer programming, including projects in several languages
+ Algorithmic problem solving and critical thinking
+ Software development concepts
+ Web-based technologies
+ Database systems
+ Introduction to physical computing
+ Program and systems testing
+ Project design, planning and documentation

COLUMBIA COLLEGE
www.columbiasc.edu

A HOPE Foundation Initiative
SHAPE for STEM PROGRAM

INSTITUTE FOR AMERICAN APPRENTICESHIPS
AT VERMONT HITEC