



COLLEGE OF ENGINEERING COMPUTER SCIENCE VIRGINIA TECH™

The Department of Computer Science has been an incubator for teaching and conducting leading-edge technology-focused research for nearly 50 years.

We operate in an experimental, hands-on learning environment that goes beyond the classroom as we prepare students for careers in technology that are wide-ranging: from expertise in human-computer interaction, to systems research, to computational biology and drug discovery.

The department is invested in preparing graduates in computer science that will lead industry into new technological frontiers in cybersecurity, data analytics, machine learning, software engineering, systems, and even the final frontier of space. Just ask one of our alumni, Dave Lavery; he's led missions to Mars.

By the Numbers

1005

Undergraduate Students
(soph. - senior)

115

Masters Students

187

PhD Students

52

Faculty Members

\$12M

Total Research Expenditures
(2018-19)

90+

Industry Partners

90%

of Students Have Jobs Before Graduation

Here in the Department of Computer Science, we operate at the intersection of innovation and discovery. It will be our students and alumni who take the first step into an advanced future.

Exciting new initiatives Leading us forward

Amazon HQ2 spurred \$1.1B statewide to promote higher education in computer science and related disciplines. Virginia Tech's share includes funding for major new infrastructure and department-wide growth in Blacksburg, as well as at the innovation campus in Alexandria, VA.

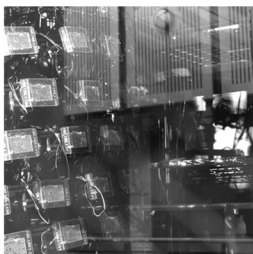
A new \$25M annual statewide initiative, led by Virginia Tech, will support cybersecurity research and education.

Partnership with block.one has catalyzed an initiative in blockchain research, education, and outreach.

Countless ways to Get involved

- Computer Science Community Service
- The Gaming Project at Virginia Tech
- Cybersecurity Club
- The Association for Computer Machine Learning
- The Association for Women in Computing
- CS Mentoring Program

"I was lucky enough to be involved with undergraduate research at the beginning of my Virginia Tech experience. I worked with the Department of Computer Science in machine learning research, helping graduate students with their projects and learning about computer science techniques as well as the atmosphere and day-to-day work that comes with research. Virginia Tech is a national leader in engineering research and the opportunities that this brings to students from freshman year onward are huge in their career development."
-Douglas Bossart, senior in computer science (May 2020)



Do. Big. Things.



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