On behalf of the college, it’s my pleasure to welcome you to this no-holds-barred hackathon. Competitions like this demonstrate that VCU Engineering was — and is — the engineering program built on public-private partnerships. Your assistance is what makes it possible for us to ask our students to gather their most daring ideas and come up with astonishing innovations in just 24 hours. Thank you for your support.

— Barbara D. Boyan, Ph.D.
Alice T. and William H. Goodwin, Jr. Dean
VCU College of Engineering

As the Department of Computer Science chair, it is my pleasure to announce the seventh year of RamHacks, VCU College of Engineering’s premier hackathon. We are excited to organize and host this event — and develop a lasting partnership with your company. By partnering with the Department of Computer Science, your company engages students from across the region and enhances their creative and programming skills. Thank you for considering a partnership with RamHacks.

— Krzysztof J. Cios, Ph.D.
Chair
Department of Computer Science
Who we are
The RamHacks organizing committee of the VCU Department of Computer Science.

The hackathon
RamHacks is a 24-hour programming marathon for innovative developers from a variety of universities to design and implement a software or hardware application. Sponsors provide specific themes and challenges, and competitors take them on. This will be the seventh hackathon organized at the VCU College of Engineering. Our goal this year is 400 participants.

Students work in teams of up to four members. Cross-university teams are encouraged. RamHacks gives creative programmers a chance to innovate together. We host this hackathon to ignite the spirits of students in a competition with no creative boundaries.

Why RamHacks?
RamHacks is an opportunity for technology-driven companies of all sizes to engage with VCU College of Engineering — and recruit the next generation of highly skilled workers.

Benefits of sponsorship
• Recognition at the event
• Company branding on RamHacks materials
• An interactive networking opportunity with a recruitment pool of 400 students
• New API/software demonstrations

How to become a sponsor
Fill the RamHacks sponsorship form at support.vcu.edu/event/ramhacks or reach us at ramhacks@vcu.edu. Checks may be made payable to the VCU College of Engineering Foundation for RamHacks.

For more information about the event, contact:

Alberto Cano, Ph.D.
Assistant Professor
Department of Computer Science
(804) 827-4002
acano@vcu.edu

Previous sponsors’ placement on RamHacks T-Shirts

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RamHacks.vcu.edu | 5
SPONSORSHIP TIERS

RamHacks isn’t just an opportunity to attract award-winning talent — it’s a chance to show what your company can do by tapping into some of the most innovative minds in the country.

GOLD
$5,000
• Top logo placement.
• Keynote speech.
• Includes all the benefits of the silver and bronze packages.
• Limited to one sponsors.

SILVER
$2,500
• Improved logo placement.
• Give a tech talk.
• Includes all the benefits of the bronze package.

BRONZE
$1,000
• Create a challenge.
• Representative and e-booth at the event.
• Access to participants’ resume.

OVERALL
The criteria for judging participants will be based upon:
• Usability
• Functionality
• Innovation
• Use of hardware component (where applicable)
• Aesthetics

SPECIFIC CHALLENGES
Judged only by the creator of the challenge.
Independent criteria and awards will be based on the sponsor’s preference. A sponsor creating a challenge must provide a judge and an award. Teams are eligible for more than one award.

For information about sponsorship and benefits, contact:

Philip O’Connor
Executive Director, College of Engineering
Foundation and Corporate Relations
(804) 828-9551 | oconnorpl@vcu.edu

Waves of Judging

Judging will be conducted by the official sponsors of RamHacks.
Saturday, Sept. 26

9:30 a.m. Opening ceremony and keynote address
10 a.m. Challenges announcements
10:30 a.m. Team formation
11 a.m. Hacking begins
3 p.m. Tech talk
5 p.m. Tech talk
7 p.m. Tech talk

Sunday, Sept. 27

11 a.m. Hacking ends
1 p.m. Expo and judging begins
3:30 p.m. Awards and closing ceremony

[Schedule may be subject to change]
9 Affiliate Faculty

64 Graduate Students

26 Full-time Faculty

9

26

450 Undergraduate Students

1782 Undergraduate Students

309 Graduate Students

113 M.S. Students

175 Ph.D. Students

RESEARCH Sponsors

Amazon Machine Learning Awards
Idaho National Laboratory
National Institutes of Health
National Science Foundation
U.S. Army
U.S. Department of Energy
U.S. Department of Transportation
VCU Innovation Gateway

RESEARCH Areas

- Data security and resilience
- Machine Learning
- Biomedical informatics
- Internet of Things (IoT)
- Recommendation systems for software engineering
- Cryptography and Blockchain

3 Undergraduate Programs

- Bachelor of Science in Computer Science (Virginia’s first ABET accredited CS program)
- Accelerated Bachelor of Science / Master of Science in Computer Science
- Post-Baccalaureate Certificate in Computer Science

5 Graduate Programs

- Master of Science in Computer Science
- Ph.D. in Engineering – Computer Science Track
- Dual Ph.D. Program with University of Cordoba, Spain
- Post-Baccalaureate Certificate in Cybersecurity
- Post-Baccalaureate Certificate in Data Science

STUDENT Orgs

- ACM (Association for Computing Machinery)
- Computer Science Student Advisory Board
- ACM-W (ACM’s Council on Women in Computing)
- Ram Development @ VCU
- Cyberdefenders @ VCU
- Linux User Group @ VCU

BY THE NUMBERS

Computer Science

3 Undergraduate Programs

BY THE NUMBERS

VCU College of Engineering

17.2% Asian

1288 Median Admit SAT

25% Female Students

3.95 Average Admit GPA

17.2% Asian

47.3% White

15.5% Hispanic/Latino

9.9% International

6.0% 2 or More Races

4.7% Black/African-American

13.5% Unknown

Sustainability & Energy Engineering
Mechanobiology & Regenerative Medicine
Micro & Electronic Systems
Cybersecurity
Pharmaceutical Engineering
Device Design & Development

International
Hispanic/Latino
2 or More Races
Blacks/African-Americans
Non-Hispanic White
Asian
American Indian
Native Hawaiian/Pacific Islander
3.95

1288

25%