Welcome to RamHacks, a hackathon open to any university student. RamHacks is presented by the Virginia Commonwealth University School of Engineering Department of Computer Science.

Your company is a driving force behind RamHacks. The knowledge brought to this hackathon by industry makes it a powerful catalyst for out-of-the-box thinking. Thank you for considering RamHacks as a partnership between the School of Engineering, industry and creative minds ready to make something new.

— Barbara D. Boyan, Ph.D.
Dean, VCU School of Engineering
Alice T. and William H. Goodwin, Jr. Chair in Biomedical Engineering

As the Department of Computer Science chair, it is my pleasure to announce the fifth year of RamHacks, VCU School 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 RamHacks.

— Krzysztof J. Cios, Ph.D., Chair
Department of Computer Science

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ABOUT

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 to design and implement a software or hardware application of their choice. Specific themes and challenges provided by our sponsors will be presented to competitors. This will be the fifth Hackathon organized at the VCU School of Engineering. The goal this year is 300 participants.

Students may work in teams of up to four members. Cross-university teams are encouraged. RamHacks gives creative programmers a chance to make something innovative together. The Department of Computer Science is hosting this hackathon to ignite spirits of students in a competition with no creative boundaries.

why ramhacks?

The Department of Computer Science uses this as an opportunity to engage local, national and international companies in new relationships between VCU and technology driven companies.

benefits of sponsorship

• Sponsorship recognition on event materials and at the event
• An interactive networking approach with a recruitment pool of 300 students
• Potential API/Software demonstration

how sponsors can help

Sponsors make this hackathon possible by providing funds for food, beverages, security, porter service, etc. The remaining funds will support the Department of Computer Science for future events, undergraduate research and more.

how to be a sponsor

Checks made payable to the VCU School of Engineering Foundation for RamHacks.

Online: RamHacks.vcu.edu

For information about RamHacks, contact:

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

Previous sponsors placement on RamHacks T-shirts

[ 2017 ]
[ 2016 ]
[ 2015 ]
[ 2014 ]
SPONSORSHIP

tiers & award-winning benefits

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.

Event Co-Host & Keynote Speaker
- Top T-shirt logo placement
- Keynote speech
- Dinner named after your company (limited to 1)
Includes all benefits of silver, bronze and supporter packages.

Tutorial Sessions & Tech Talks
- Give a Tech Talk
- Priority T-shirt logo placement
- Lunch named after your company (limited to 2)
Includes all benefits of bronze and supporter packages.

Create a Challenge
- Representative & booth at the event
- Access to participants’ resumes
- Breakfast named after your company (limited to 1)
Includes all benefits of supporter package.

Show your Support with a Presence at the Event
- Logo on T-shirts
- Opportunity to judge entries

{ Sponsors are limited to one named meal }
SCHEDULE

saturday

22

9:00 a.m. Registration
10:00 a.m. Opening Ceremony and Keynote Speech
10:30 a.m. Team Formation
11:00 a.m. Hacking Begins
12:00 p.m. Silver Sponsored Lunch
3:00 p.m. Tech Talk
6:00 p.m. Gold Sponsored Dinner
7:00 p.m. Tech Talk
9:00 p.m. Tech Talk

12:00 a.m. Midnight Snack
8:00 a.m. Bronze Sponsored Breakfast
11:00 a.m. Hacking Ends
12:00 p.m. Silver Sponsored Lunch
1:00 p.m. Expo and Judging Begin
3:00 p.m. Closing Ceremony

sunday

23

9:00 a.m. Registration
10:00 a.m. Opening Ceremony and Keynote Speech
10:30 a.m. Team Formation
11:00 a.m. Hacking Begins
12:00 p.m. Silver Sponsored Lunch
3:00 p.m. Tech Talk
6:00 p.m. Gold Sponsored Dinner
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9:00 p.m. Tech Talk

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11:00 a.m. Hacking Ends
12:00 p.m. Silver Sponsored Lunch
1:00 p.m. Expo and Judging Begin
3:00 p.m. Closing Ceremony

{ Schedule may be subject to change }

THE TEAM

The RamHacks organizing committee of the Department of Computer Science is grateful for your involvement with RamHacks. Companies like yours that value innovation, creativity and impact make this hackathon possible. Thank you.

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

Vishakha Sehgal
Member, Student Advisory Board
Founder, CS Mentorship Program
Co-Founder, ACM-W

Mit Amin
Member, Student Advisory Board
Founder, Code for Change

Chelsea Greco
Member, Student Advisory Board

Darren Chan
Webmaster, Ram Development

Mosammam Mahmuda Sarker

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Mosammam Mahmuda Sarker
vcu computer science

BY THE NUMBERS

379 undergraduate students
61 graduate students
20+ research grants

5 DEGREE PROGRAMS

- B.S. in Computer Science
  - Focus in Cybersecurity
  - Focus in Data Science
- Accelerated B.S. & M.S.
- Post-Baccalaureate Certificate
- M.S. in Computer Science
  - Focus in Cybersecurity
  - Focus in Data Science
- Ph.D. in Engineering, focus in Computer Science
  - Focus in Cybersecurity
  - Focus in Data Science

DEPARTMENT EVENTS

- Hackathon
- High school programming contest
- Computer science seminar series
- Computer science day

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

RESEARCH AREAS

- Bioinformatics • Cybersecurity • Blockchain
- Cryptography • Social and Wireless Network Security

RESEARCH GRANTS

from sources including:
- NSF
- DOE/DHS
- NIST
- US Army-ERDC
- DARPA
- NIH
- DOE
- DOE/Idaho National Laboratory

vcu school of engineering

1,774 undergraduate students
266 graduate students
1262 average admit sat
87 m.s. students
179 ph.d. students
3.95 average admit gpa
103 teaching faculty

RESEARCH AREAS

- Sustainability & Energy Engineering
- Mechanobiology & Regenerative Medicine
- Micro & Electronic Systems
- Pharmaceutical Engineering
- Cybersecurity & Mining
- Big Data
- Device Design & Development

of students are female

- 25%
- 48% white
- 18% asian
- 14% other
- 6% black
- 3% hispanic/latino
- 1% international
- 2+ races

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

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