



RAM HACKS

SEPTEMBER 17-18, 2016

CORPORATE SPONSORSHIP



VCU

School of Engineering

VIRGINIA COMMONWEALTH UNIVERSITY



WELCOME



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 make 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

As the Department of Computer Science Chair, it is my pleasure to announce the third year of RamHacks, VCU School of Engineering's premier hackathon. The computer science department is 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.

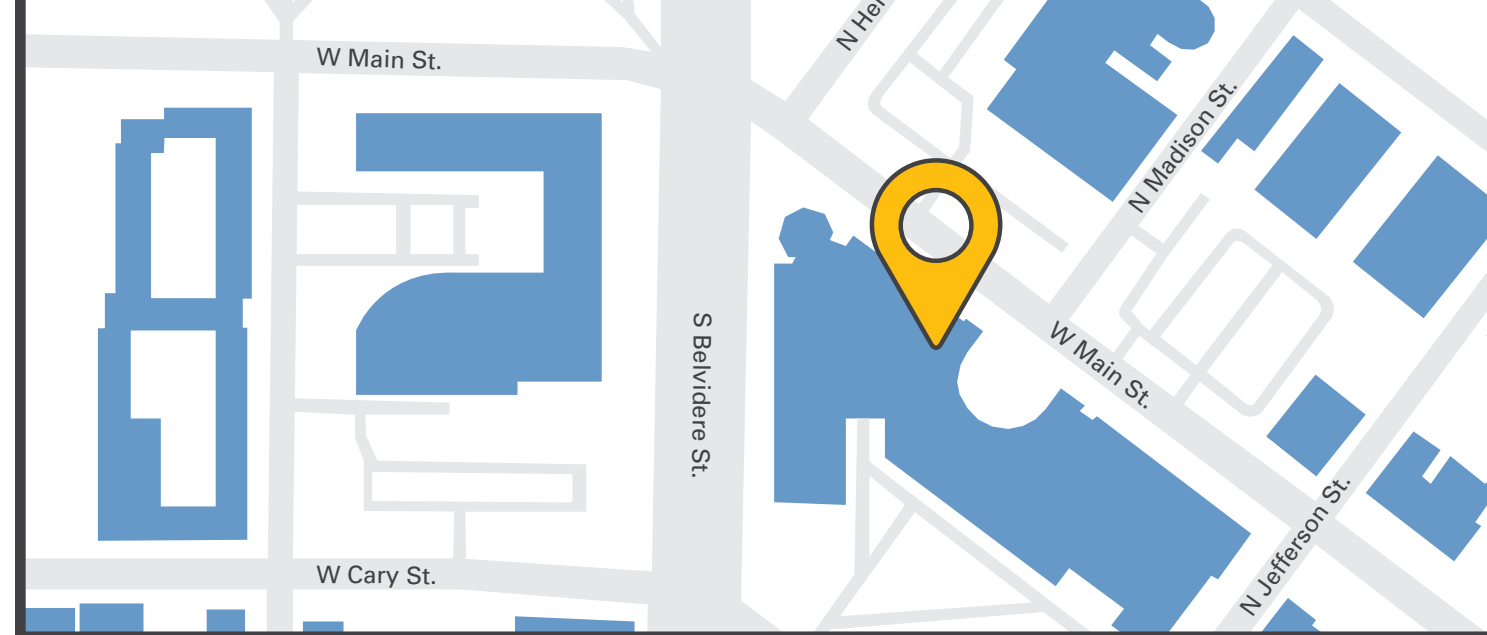
— **Krzysztof J. Cios, Ph.D.**, Chair
Department of Computer Science



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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 choosing. Specific themes and challenges provided by our sponsors will be presented to competitors. This will be the third Hackathon organized at the VCU School of Engineering and we intend to increase the number of participants to 300.

Students may work in teams of one to four members; cross-university teams are encouraged.

why ramhacks?

RamHacks gives creative programmers a chance to make something innovative together. The Department of Computer Science is hosting this hackathon to ignite the spirit of students by providing a competition with no creative boundaries.

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

For information about RamHacks please contact:

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

benefits of sponsorship

- A personalized marketing medium
- An interactive networking approach with a potential 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

You can write a check payable to the VCU School of Engineering Foundation for the Department of Computer Science. To sponsor online, visit RamHacks.vcu.edu.



PREVIOUS SPONSORS

As pictured on RamHacks T-Shirts



{ 2015 }



{ 2014 }

SPONSORSHIP

tiers & 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 the most innovative minds in the country.

GOLD
\$10,000

Event Co-Host & Keynote Speaker

- Top T-shirt logo placement
- Keynote speech
- Have a dinner named after your company (limited to 1)

Includes all benefits of silver, bronze and supporter packages.

SILVER
\$5,000

Tutorial Sessions & Tech Talks

- Give a TechTalk
- Priority T-shirt logo placement
- Have a lunch named after your company (limited to 2)

Includes all benefits of bronze and supporter packages.

BRONZE
\$2,500

Create a Challenge

- Rep & booth at the event
- Access to participants' resumes
- Have breakfast named after your company (limited to 1)

Includes all benefits of supporter package.

SUPPORT
\$1,000

Show your Support with a Presence at the Event

- Logo on T-shirts
- Judge entries

{ Sponsors are limited to one named meal }

For information about sponsorship & benefits please contact:

Philip O'Connor | Corporate Relations Officer | (804) 828-9551 | oonnorpl@vcu.edu



JUDGING

Judging will be conducted by the official sponsors of RamHacks.

1 // overall

The criteria for judging participants will be based upon:

- Usability
- Functionality
- Innovation
- Use of hardware component (where applicable)
- Aesthetics

2 // specific challenges

Judged only by challenge creator.

Independent criteria and awards will be based on sponsor's preference. If a sponsor (Gold, Silver, Bronze) is creating a challenge they must provide a judge and an award. Teams are eligible for more than one award.

2

waves of
judging



SCHEDULE

saturday
17

10:00 a.m.	Registration
11:00 a.m.	Opening ceremony with keynote speech
12:00 p.m.	Silver sponsored lunch
1:00 p.m.	Hacking begins
3:00 p.m.	TechTalk
6:00 p.m.	Gold sponsored dinner
9:00 p.m.	TechTalk

sunday
18

12:00 a.m.	Midnight snack
8:00 a.m.	Bronze sponsored breakfast
10:00 a.m.	TechTalk
12:00 p.m.	Silver sponsored lunch
1:00 p.m.	Hacking ends
1:00 p.m.	Expo and judging begin
3:00 p.m.	Closing ceremony

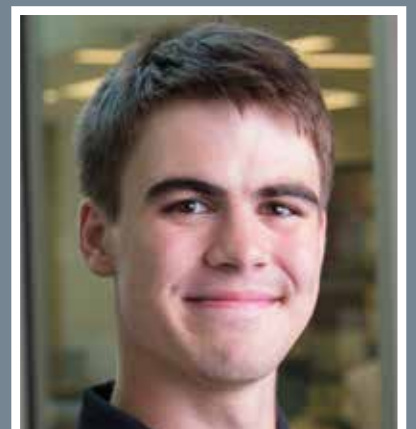
{ Schedule may be subject to change. }

THE TEAM

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



Alberto Cano, Ph.D.
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Ryan Murphy
President,
Student Advisory Board



Chase Greco
Vice President,
Student Advisory Board



Quark Wei
President, Association for
Computing Machinery
Member, Student Advisory Board

vcu computer science

vcu school of engineering

274
undergraduate students

53
graduate students

10+ RESEARCH GRANTS
from sources including:

Department of Energy

National Science Foundation

National Institutes of Health

U.S. Army

6 DEGREE PROGRAMS

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

15 full time faculty7 affiliate faculty

DEPARTMENT EVENTS

hackathons

high school programming contest

computer science seminar series

RESEARCH AREAS

- big data • learning algorithms for big data
- social network security • quantum computing
- bioinformatics • wireless network security
- machine learning • computational linguistics

STUDENT ORGS

- ACM (Association for Computing Machinery)
- Computer Science Student Advisory Board
- Ram Development @ VCU
- Cyberdefenders @ VCU
- Siggraph ACM @ VCU
- Linux User Group @ VCU

1,714
undergraduate students

271
graduate students

1248 AVERAGE ADMIT SAT

104 m.s. students167 ph.d. students

3.95 AVERAGE ADMIT GPA

89 TOTAL FACULTY

biomedical engineering

chemical & life science engineering

computer science

electrical & computer engineering

mechanical & nuclear engineering

25%
of students are female

RESEARCH AREAS

Sustainability & Energy Engineering

Mechanobiology & Regenerative Medicine

Micro & Electronic Systems

Pharmaceutical Engineering

Security & Mining Big Data

Device Design & Development

47% white

19% asian

14% international

9% hispanic/latino

6% black/african-american

3% 2+ races

1% other

RamHacks.vcu.edu

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