VT BLOCKCHAIN CHALLENGE

LED BY COMPUTER SCIENCE

MADE POSSIBLE THROUGH A GENEROUS GIFT FROM BLOCK.ONE

Join the VT BC Challenge Slack Channel: https://tinyurl.com/y8xc9ah9
THE CHALLENGE (SPRING 2019)

• A semester-long blockchain application development competition

• Teams will be asked to participate in a series of TWO challenges

• Challenges are modelled after EOSIO Hackathons. $25,000 in prizes.
ELIGIBILITY REQUIREMENTS AND TEAMS

• You must be a currently enrolled Virginia Tech undergraduate or graduate student in good standing.

• Teams will consist of 2-5 people. This is a hard requirement.

• UNDERGRADUATE TEAMS are composed of undergraduate students only. No graduate students may participate on these teams.

• GRADUATE TEAMS are composed of either all graduate students or a mix of graduate and undergraduate students.

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HOW TO PARTICIPATE [REGISTER BY FEB 18!]

1. START WORKING ON PHASE I AND PHASE II TONIGHT!

2. REGISTER as an INDIVIDUAL participant. This requires agreeing to the rules of the competition. See http://www.cs.vt.edu/blockchain for link. [WILL GO LIVE SOON, KEEP CHECKING BACK, WATCH EMAIL, SLACK.]

3. REGISTER YOUR TEAM. This won’t be possible until February to give you time to form teams. You can only join 1 team. [NO CHANGING TEAMS AFTER YOU SIGN UP. SO BE SURE!]

4. CREATE YOUR KILLER BLOCKCHAIN APP!

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THE PROMPT

Build cutting edge blockchain applications that provide value to the broader Virginia Tech community of students, faculty, staff, alumni, and friends.

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PHASE I IDEA VALIDATION

Submit your innovative idea (one submission per team) to receive feedback and validation from local experts and engineers early in the software design process.
PHASE I SUBMISSIONS [DUE FEB 25 11:59PM]

• 250 word jargon-free abstract that attempts to answer these questions:
  What do you want to do?
  What problem are you solving? How is it done today?
  Who in the VT community will benefit?
  How will you use the blockchain? Smart contracts? EOSIO?
  If it works, how will it help the VT community?

• 250 word technical description of your design:
  What roadmap will you follow and what tools will you use?
  What is the minimum functionality of your prototype?
  What is your plan with regard to user interface or experience?

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PHASE I JUDGING CRITERIA

• Use of the EOSIO Technology (Max 5 points)
• Impact on VT community (Max 5 points)
• Functionality roadmap (Max 5 points)
• Creativity (Max 5 points)
• Design and Usability roadmap (Max 5 points)
PHASE 1 PRIZES

• Top undergrad-only team: $1,000
• Honorable Mention undergrad-only team: $500
• Top graduate team*: $1,000
• Honorable Mention graduate team: $500
• Superlative prize for best Phase I social media post by participant: $250
  Twitter: #vtblockchain @VT_CS @VTEngineering
  facebook.com/VT.ComputerScience
• Superlative prize for best CS@VT Blockchain Logo: $500
• Superlative prize for best CS@VT Blockchain Challenge T-shirt Design: $500

* graduate teams may be all graduates or mix of grads and undergrads
PHASE II TECHNOLOGY BUILDOUT

Team’s submit their fully working prototype that leverages blockchain technologies and the EOSIO platform (one submission per team).
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PHASE II SUBMISSIONS [DUE APRIL 24 11:59PM]

Further Details TBD
1. REGISTER your team (e.g., YouNoodle)
   **All team members must register as INDIVIDUALS first by Feb 18.**
   [See slide #4]
2. Submit your solution, include pointer to code base (e.g., github)
3. Teams with compliant submissions invited to pitch demo.
4. Finalists notified [May 2]; Mandatory pitch workshop [May 7]
5. Finalists pitch demo to judges at final Award Ceremony [May 9]
PHASE II JUDGING CRITERIA

- Use of the EOSIO Technology (Max 5 points)
- Impact on VT community (Max 5 points)
- Functionality (Max 5 points)
- Creativity (Max 5 points)
- Design and Usability (Max 5 points)
PHASE II PRIZES

• Top undergrad-only team: $7,500
• Honorable Mention undergrad-only team: $2,500
• Top graduate team*: $7,500
• Honorable Mention graduate team: $2,500
• Superlative prize for best social media post by participant: $750

Twitter: #vtblockchain @VT_CS @VTEngineering
facebook.com/VT.ComputerScience

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HOST A HOKIE BC CHALLENGE HANGOUT (MAX 5)

• Establish a committee of 3 student organizers
• Obtain permission from CS@VT
• Send invites and record RSVP’s (MIN 20, MAX 50)
• Confirm food/drink budget with CS@VT (max $200)
• Secure on-campus location for event (no alcohol permitted)
• Host a great event!
• Organizers lead venue clean up.

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TENTATIVE TIMELINE

[26 JAN 2019] Spring 2019 CS@VT Blockchain Boot Camp
[26 JAN 2019] Spring 2019 VT BC CHALLENGE BEGINS
[18 FEB 2019], 7:00 PM EST] VT BC Challenge Official Phase I Meetup Q&A
[25 FEB 2019, 11:59 PM EST] Phase I Submissions Due
[1 MAR 2019] Phase I Feedback provided and Prizes awarded
[15 APR 2019, 7:00 PM EST] VT BC Challenge Official Phase II Meetup Q&A
[24 APR 2019, 11:59 PM EDT] Phase II Submissions Due
[2 MAY 2019] VT BC Challenge Finalists Notified
[7 MAY 2019, TBD] MANDATORY Finalist Presentation Workshop
[9 MAY 2019, 3:00 PM] VT BC Challenge Finalist Presentations
   (Haymarket Theatre)

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