

National Society of Black Engineers Region III

1<sup>st</sup> Annual Hack-a-Thon

Fall Regional Conference 2015

November 6<sup>th</sup> -8<sup>th</sup> 2015

**Purpose:** 1) To give back to NSBE by working to solve problems through innovative technology. 2) To showcase the technical and design skills of NSBE membership in front of the companies that are represented at Fall Regional Conference. 3) Provide a medium for members to compete against one another using their skills. 4) Provide a medium for members to learn real skills that will help them in class and during internships. 5) Provide companies the opportunity to directly observe their internship and full time candidates in action.

**Rules:**

- There are no specific programming language requirements, students may use the technologies they are most comfortable with.
- Each team must prepare a brief presentation/pitch to present to the judging panel at the end of the competition (5 minute presentation)
- Teams must base their project off of the topic
- Teams are not required to stay in the room the entire time, but it is recommended.
- There will be no late submissions or on stage changes accepted.
- There will be no time allotted to fix errors that occur while presenting to the judges.
- There are no IDE requirements or deployment requirements.
- Students must provide their own testing environment (i.e., phone, tablet, web server)
- Teams must not employ outside help to complete their projects except from a provided mentor involved with the competition.

**Schedule:**

11/6/2015 8:30-9:00PM	Event kickoff, Overview
11/6/2015 9:00-9:30 PM	Group formation
11/6/2015 9:30 PM	Hacking begins!
11/7/2015 9:30 AM	Hacking Ends!, Submissions
11/7/2015 2:30-3:20 PM	Project demos
11/7/2015 3:20-3:40 PM	Judges confer
11/7/2015 3:40-4:00 PM	Closing statements

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**Submissions:** Source code is due at Saturday November 7th 9:30am. Email source code to [r3comm@nsbe.org](mailto:r3comm@nsbe.org). No late submissions. Happy Hacking.

**Judging Criteria:**

Impressiveness	20%
Technical Difficulty	20%
Requirements	20%
Group Work	20%
Presentation	20%

**Presentation:**

5 minute presentation should include:

- Group Description ( Group Name, Members Name, Schools, Majors)
- Task and Answer
- Problems Faced
- Demo of Hack
- Questions

**Problem:**

Suppose that NSBEconnect website disappeared from the World Wide Web 2hours ago. There are no backups and it will take too long to create another website. The NSBE world is in a frantic and counting on you guys to fix it. You have roughly 12 hours to create a mobile platform that can take the place of NSBEconnect. Remember this platform has to be mission based "to increase the number of culturally responsible Black Engineers who excel academically, succeed professionally and positively impact the community." Your hack must include:

- User Interface
- User Profiles (Create/Sign in)
- Registration for Events
- Map of nearby users

It will be up to your team to decide the other main features. Remember you want to stand out from the rest. Hint NSBE love to run reports and compile stats. Features does not have to be fully functional but present.

**Contact Info:**

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