



Office of Information Technology

The University of Texas at Dallas is a rapidly growing public research university that combines innovative programs in science, technology, engineering, the arts and mathematics (STEAM) with highly ranked management programs that reflect our founding almost 50 years ago by the visionary entrepreneurs who started Texas Instruments.

Amazon Web Services, Office of Information Technology and Student Government Association at UTD are calling tech enthusiasts at HACKUTD 2019 to join **“Build for UTD challenge”**

Challenge 1 “Build for UTD Alexa Skill Challenge” our voice-first experiences for UTD Students. This challenge will require you to think outside of the traditional development process and embrace a voice-first design approach, leading with the student experience.

Alexa, the voice service behind Amazon Echo, is changing how we interact with technology. Alexa can help students with quick access to information, entertainment, and increased productivity. We want to add a UTD Alexa skill that can engage and delight our students, faculty and staff.

Your challenge is to develop an Alexa skill that answers [frequently asked questions](#) by students at UTD. Use your creativity to tailor it to what you think may fit for the Comets.

To help you bring your big idea to life with voice, use the Alexa Skills Kit, Alexa Developers documentation that makes it fast and easy for you to add skills to Alexa. Sign up for the **“Build for UTD – Alexa Skill Challenge”** and help shape the UI of the future and enable UTD students to engage via voice. Participants can enter the competition individually or in a team (**Limit: Max 4 members in a team**)

How to get started:

1. Sign up for an **[Amazon Developer Account](#)** and **[AWS Account](#)**
2. Check out the **[Alexa Skills Kit \(ASK\)](#)** and **[Getting Started Guide](#)**
3. Review the links to the **[Alexa Developers](#)** YouTube channel, **[Amazon Developer forums](#)**
4. Build your skill!
5. Host your skill on **[AWS Lambda](#)** (recommended), or another hosting service of your choice. You may stop by at our booth to apply to receive **\$25 AWS promotional credit**. (Limited to 25 participants)
6. No hardware is required! You do not need an Amazon Echo to participate. Test your skill using **[Test Simulator \(beta\)](#)**.
7. Submit your skill for “Build for UTD Alexa Skill challenge” at HACKUTD 2019 via email to **cloud@utdallas.edu**



Challenge 2 “Build for UTD Application” - The application can be built on any platform. It can be in any form – web app, Alexa skill, mobile phone app. The application should try not to copy functionality available on an already popular app. Application can be generic and not be tailored towards UTD students as long as it helps the student body, but solutions specifically helping Comets are preferred. Please feel free to message us at tanuj@utdallas.edu or Slack if you are not sure if the solution would qualify.

Optional Resources Available:

1. Sign up for **AWS Account**
2. Host your skill on AWS Cloud, or another hosting service of your choice. You may stop by at our booth to apply to receive **\$25 AWS promotional credit**. (Limited to 25 participants)
3. Submit your skill for “Build for UTD Challenge 2 ” at HACKUTD 2019

Challenge 1 “Build for UTD Alexa Skill” Prizes

1st Prize

- **Sponsored by Amazon Web Services**
 - **4 People - Amazon Echo**
- **Sponsored by the Office of Information Technology (OIT) at UTD**
 - **Student Experience –**
 - **Meet the CIO & OIT leadership team at UTD**
 - **Tour of the OIT Facilities**
- **Sponsored by the Student Government Association at UTD– \$500 Value based on Team Size**
 - **4 people - Kindle Paperwhite with unlimited book subscription**
 - **3 people - Bose SoundLink**
 - **2 people - Xbox One S Fortnite Edition**
 - **1 person - 3D printer with filament**

2nd Prize

- **Sponsored by Amazon Web Services**
 - **4 People - Amazon Echo**
- **Sponsored by the Office of Information Technology (OIT) at UTD**
 - **Student Experience –**
 - **Meet the CIO & OIT leadership team at UTD**
 - **Tour of the OIT Facilities**
- **Sponsored by the Student Government Association at UTD – \$250 Value based on Team Size**
 - **4 people - Echo Dot with Smart Plug**
 - **3 people - Kindle with unlimited book subscription**
 - **2 people - Holy Stone Drone with camera**
 - **1 person - Oculus Go 64 GB**

Challenge 2 “Build for UTD Application” Prizes

1st Prize

- **Sponsored by Amazon Web Services**
 - **2 People - Amazon Echo**
- **Sponsored by the Office of Information Technology (OIT) at UTD**
 - **Student Experience –**
 - **Meet the CIO & OIT leadership team at UTD**
 - **Tour of the OIT Facilities**
- **Sponsored by the Student Government Association at UTD– \$500 Value based on Team Size**
 - **4 people - Kindle Paperwhite with unlimited book subscription**
 - **3 people - Bose SoundLink**
 - **2 people - Xbox One S Fortnite Edition**
 - **1 person - 3D printer with filament**
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2nd Prize

- **Sponsored by the Office of Information Technology (OIT) at UTD**
 - **Student Experience –**
 - **Meet the CIO & OIT leadership team at UTD**
 - **Tour of the OIT Facilities**
- **Sponsored by the Student Government Association at UTD – \$250 Value based on Team Size**
 - **4 people - Echo Dot with Smart Plug**
 - **3 people - Kindle with unlimited book subscription**
 - **2 people - Holy Stone Drone with camera**
 - **1 person - Oculus Go 64 GB**

Judging Criteria

Applicability to theme

1	2	3	4	5
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Technical Difficulty

1	2	3	4	5
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Impact/Usefulness

1	2	3	4	5
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Scalability

1	2	3	4	5
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Creativity & Innovation

1	2	3	4	5
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