



ALE

Where
Everything
Connects



University Partnership Program

Building academic and industry partnerships
to develop innovative technology



Learn to code

Create and develop
new programming
practices



Develop creativity

Design innovative,
proof of concept
solutions for real-
world use cases



Expand skills

Access professional
developer platforms
to expand student
skills

The ALE University Partnership Program is open to students who want to enhance their computer science knowledge. As a member of the program, universities benefit from access to ALE cloud platforms for communications and location-based services (LBS).

The University Partnership Program (UPP) is designed to develop partnerships with universities, to promote ALE technologies to students, who are the developers of the future.

Who is this program for?

This program is designed for students who want to improve their computer science expertise.

It is focused on the Education market in an effort to help those institutions provide real-world experience in coding and integrating chatbot enabled communications platforms and exploring the power of location based services.

ALE provides:

- Resources and collateral to allow students and teachers to learn about these technologies
- Free access to ALE SDK and API libraries and documentation
- Tutorials and sample code for easier development
- Collaboration between students and teachers with ALE experts and development community through collaborative spaces and forums

Brochure

University Partnership Program



At the heart of the program

OmniAccess®
STELLAR
— LBS —

Location-based services platform.

Develop a solution to address any location requirement.

Provide a set of software development tools that enables the creation of location-based services on various mobile devices and operating systems.



Communications Platform as a Service (CPaaS) is a cloud-based platform.

It enables developers to add real-time communications features (voice, video, and messaging) to their own applications without building back-end infrastructure and interfaces.



Rainbow Hub, the unique Communications Platform as a Service (CPaaS)

Open Rainbow CPaaS offers more than 50 APIs for chat, video, and provisioning services, providing developers with the tools to create custom applications on a variety of platforms.

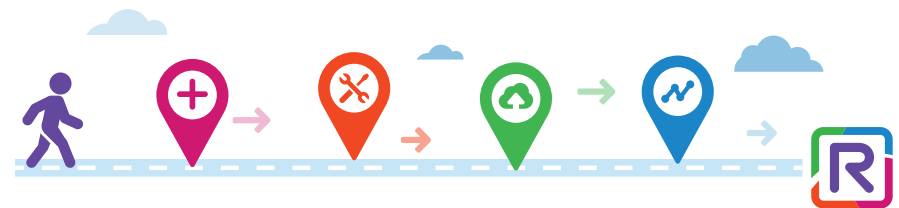
Rainbow is a rich platform on which to develop computer science skills. It provides a set of SDK and APIs to build solutions on various web, mobile, or desktop platforms.

Rainbow offers a sandbox for developers, students, and teachers to experiment in a playground environment.

The open Rainbow platform allows integration with artificial intelligence (AI), open databases, and analytics.



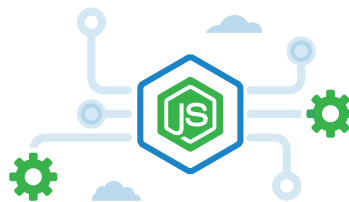
ALE Rainbow
APIs rated one of
**2017 Most
Interesting
APIs**
by ProgrammableWeb



Start your Rainbow API Hub journey!



SDK FOR WEB



SDK FOR NODE.JS



SDK FOR MOBILE



REST API

OmniAccess Stellar LBS SDK

The OmniAccess Stellar LBS software development kit (SDK) is integrated with a mobile app.

The software resides on a smart phone. It captures location signals from beacons and translates the signals into real-time location information.

The SDK algorithm leverages technologies in mobile devices, including Bluetooth and Wi-Fi, as well as other sensors such as the magnetometer for direction (compass), barometer for elevation, accelerometer for speed, and motion and GPS from satellites for outdoor locations.

The combination of this information by the SDK algorithm is called fusion technology, which delivers one of the most precise location algorithms in the market.



Geo-positioning
& wayfinding



Geofencing
notifications



Analytics -
geofencing-based



People tracking
(Independent
tracking app)

OmniAccess®
STELLAR
— LBS —



| We want to...



Contribute to research and innovation

Encourage students to innovate in the areas of computer science, cognitive communications, artificial intelligence and analytics.



Share knowledge and develop skills

Provide students and teachers with state-of-the-art technology to build skills for tomorrow's jobs.



Develop academic-industry partnerships

Develop industry partnerships and collaborations to help enhance the performance and status of universities.

| Awaken the genius within your students

Give students state-of-the-art technology today, to be ready for tomorrow. Get free licenses, tools, and resources, to cultivate student's interest to collaborate, discover, and innovate.

To learn more about the University Partnership Program and become a partner of a leading company with 100 years of experience, please visit our [website](#) and we'll get in touch with you soon!

