



level 6

Android App Development

Developing the next killer app isn't easy. It requires hard work, a lot of data, a little bit of luck, and the willingness to pivot. While no one can successfully predict what the next great app will be, our Android App Development course provides students the design, coding, and entrepreneurial skills to get them started in the right direction.

In this course, students learn the basics of design thinking, which is how great apps like Snapchat and Instagram were created. From there, the course dives into app development using Google's Android platform. By the end of the course, students will have their fully functioning app deployed to the Google Play store, with the knowledge of what it takes to build effective and engaging new mobile products.

objectives

- ✓ Planning and executing an app blueprint
- ✓ Using UX and UI to design an app people will want to use
- ✓ Building their own app and deploying it to the app store using Android

key projects

- ✓ Creating an app design plan
- ✓ Delivering the app sales pitch
- ✓ Developing the app prototype
- ✓ Building the app database
- ✓ Conducting user testing of the app
- ✓ Completing and deploying a fully functioning Android app

units

Unit 1 | Introduction to Apps

Learning about different kinds of applications

Unit 2 | Ideation and Discovery

The methods of ideation and coming up with an app idea

Unit 3 | Design and Planning

Creating a design document and pitch for the app

Unit 4 | Application design

Learning the intricacies of creating a pleasant user experience

Unit 5 | Event Driven Programming

Programming the app user experience

Unit 6 | Databases

Learning how to store data for the app

Unit 7 | Build and Test

Testing the app and deploying it to an Android device

Unit 8 | Advanced Android Configurations

Optimizing app configuration and deploying the app to the app store

Unit 9 | Final Project

Completing the final build of the app