

Udacity India presents

Deep Learning Nanodegree

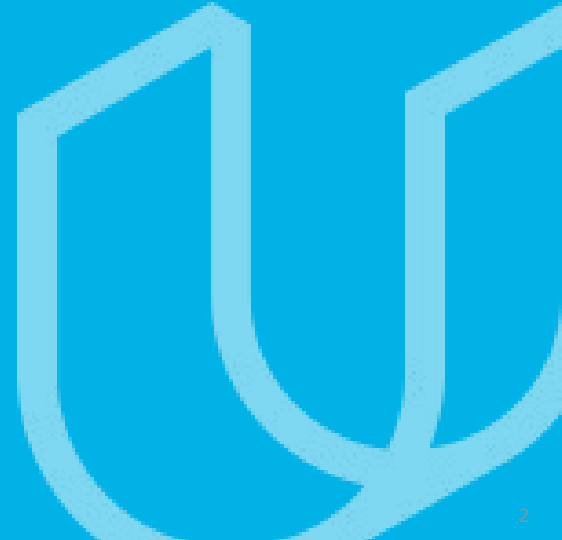
Session Presented By:

Rahul Ranjan, Course Manager

Aparna Sridhar, Course Manager



Are we preparing
enough for the Future?





Deep Learning is a transformational technology that we see around us every day in medical imaging, Google searches, self-driving cars, and more. We are just at the start of what this technology can do for us, and I can't wait to see what our students build next.

SEBASTIAN THRUN

Founder, Udacity

What's in there?





Amazing Content, Live Sessions

Enjoy access to 17 weekly videos, plus in-depth, hour-long live sessions with Siraj every week.

Expect lots of additional exclusive Udacity content as well!



Unique Projects, Expert Feedback

Work on five specially-designed Deep Learning projects, and benefit from expert feedback on each.



Earn your Udacity Nanodegree Foundation credential

Every program graduate receives a Udacity credential affirming their mastery of Deep Learning foundations.



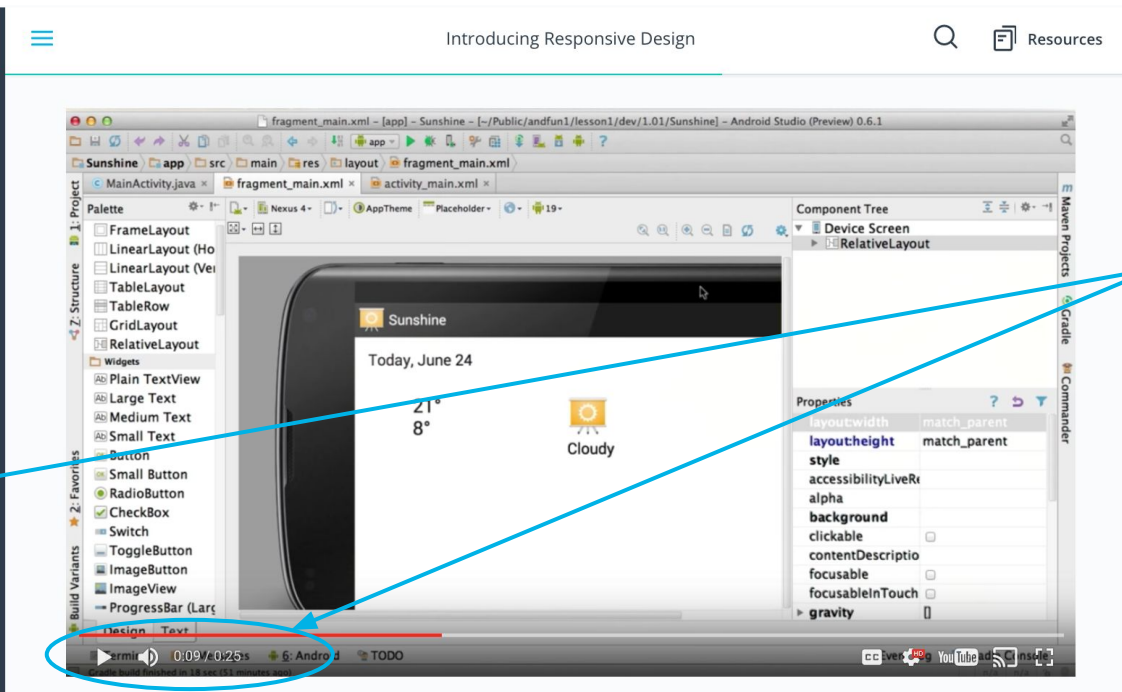
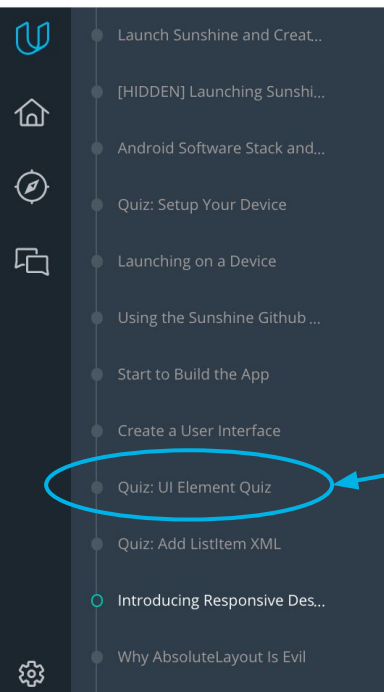
Guaranteed Admission

Successfully complete the program, and receive guaranteed admission to either our Self-Driving Car or Artificial Intelligence Nanodegree programs!

How is the Nanodegree
different from other
online courses?



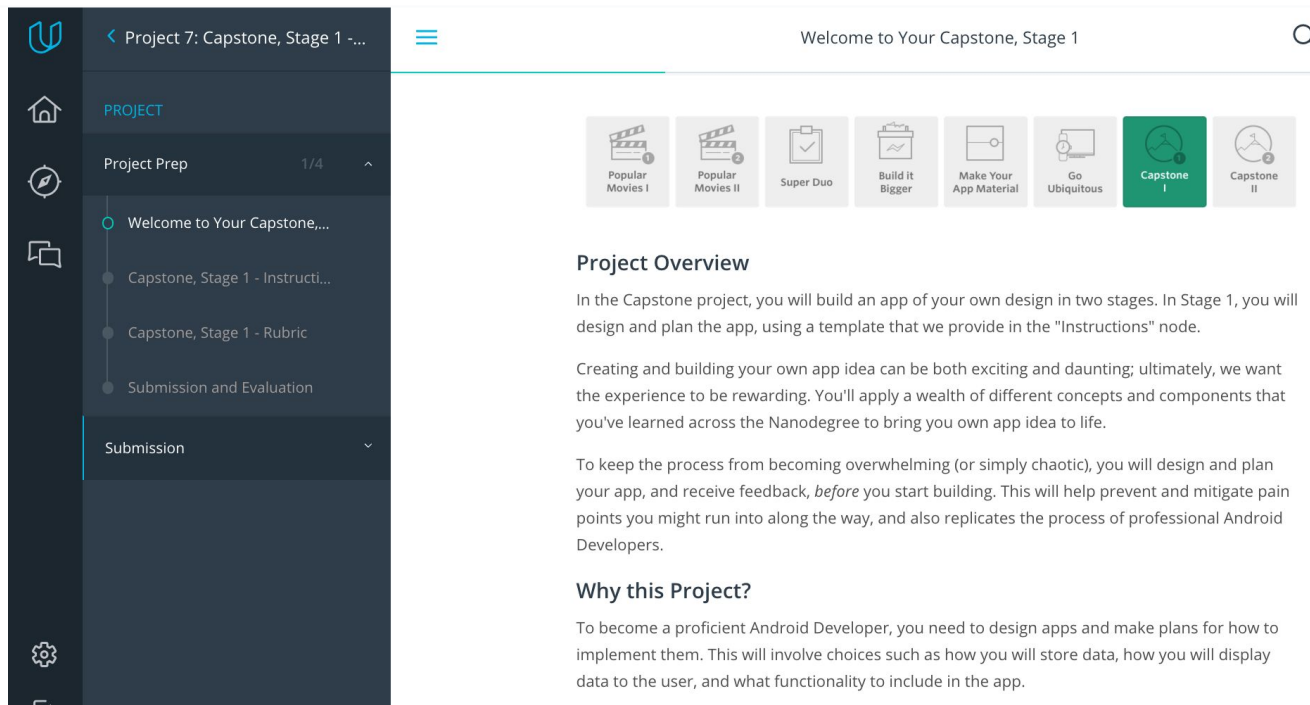
#1 Interactive Online Classrooms



Short videos (<3min)
address short
attention spans.

**Quick quizzes and
exercises**
interspersed
throughout content
for real time hands
on application of
learnings.

#2 Regular Projects to help you Apply & Retain Skills Learnt



The screenshot shows the Udacity Capstone project interface. On the left is a dark sidebar with navigation icons and a list of project stages: PROJECT, Project Prep (1/4), Welcome to Your Capstone..., Capstone, Stage 1 - Instruct..., Capstone, Stage 1 - Rubric, Submission and Evaluation, and Submission. The main content area is titled 'Welcome to Your Capstone, Stage 1' and features a row of project icons: Popular Movies I, Popular Movies II, Super Duo, Build it Bigger, Make Your App Material, Go Ubiquitous, Capstone I (highlighted in green), and Capstone II. Below this is the 'Project Overview' section, which contains three paragraphs of text explaining the project structure and goals.

Project Overview

In the Capstone project, you will build an app of your own design in two stages. In Stage 1, you will design and plan the app, using a template that we provide in the "Instructions" node.

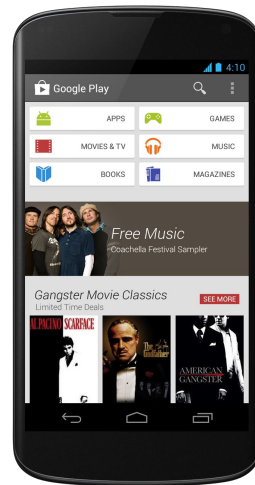
Creating and building your own app idea can be both exciting and daunting; ultimately, we want the experience to be rewarding. You'll apply a wealth of different concepts and components that you've learned across the Nanodegree to bring your own app idea to life.

To keep the process from becoming overwhelming (or simply chaotic), you will design and plan your app, and receive feedback, *before* you start building. This will help prevent and mitigate pain points you might run into along the way, and also replicates the process of professional Android Developers.

Why this Project?

To become a proficient Android Developer, you need to design apps and make plans for how to implement them. This will involve choices such as how you will store data, how you will display data to the user, and what functionality to include in the app.

Build a **portfolio of real-world projects** to demonstrate your skills



#3 Solve Real-World Problems as Projects

Build a **portfolio of projects** to demonstrate mastery of newly acquired skillsets

Welcome to Your Capstone, Stage 1

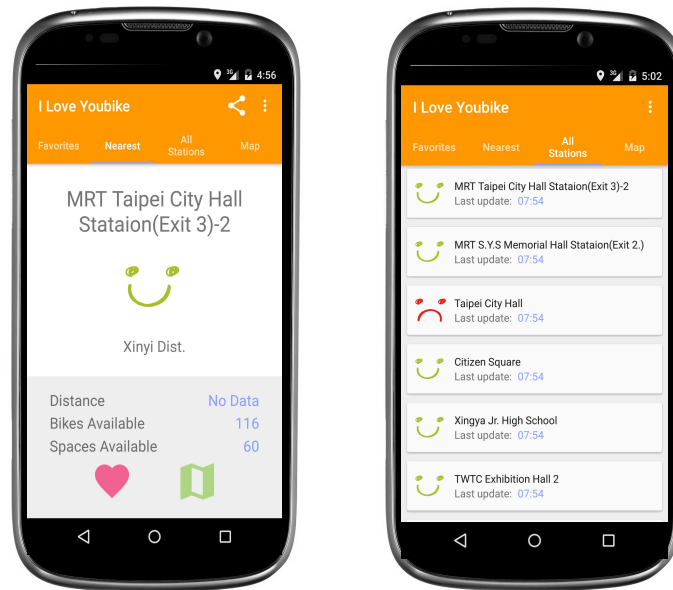


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#4 Receive Carefully Analysed and Detailed Project Feedback

The average reviewer's rating from students on Udacity is 4.8/5

Critical

Good start here! The movement of the pizzas is not similar to the original. Instead of inde the pizzas move in unison now.

```
533 frame++;
534 window.performance.mark("mark_start_frame");
535 var scrollCalc = Math.sin(document.body.scrollTop / 1250); // moved this calc
536
537 // replace document.querySelectorAll with faster document.getElementsByClassName
538 var items = document.getElementsByClassName('mover');
```

Awesome

Great job changing to a faster selection method. This should only be selected once though this function is called while scrolling and the benefit of moving this selection outside of th

```
539 var len = items.length;
540 for (var i = 0; i < len; i++) {
```

Awesome

Good job moving a lot of elements out of the loop.

```
541 // var phase = Math.sin((document.body.scrollTop / 1250) + (i % 5));
```

Nitpick

Remember not to leave in commented out code unless it is accompanied by an explanatio

```
542 var phase = scrollCalc + (i % 5);
543
```

#5 Take Advantage of a Learning Community through Discussion Forums








Discussion Forum

Create a new topic

Use the drop down menu to search new topics

BIOS: Café ▾ Latest New (1) Unread Top

+ New Topic ○ ▾

Topic	Users	Replies	Views	Activity
<p>📌 Get to know your classmates</p> <p>Each of you has a life story and a reason you've committed the Beginning iOS App Developer Nanodegree program. We would love to hear about it, and I'm sure your classmates would too! In a followup to this post, tell us... read more</p>		244	787	3d
<p>🔒 📌 About the BIOS: Café category</p> <p>Use this space to get to know your peers, organize meetups, socialize, and network! You can also use this category to ask general questions about programming and Udacity.</p>		0	47	Oct '15
<p>I'm absolutely terrible at even basic math. Do I continue with iOS Dev? • new</p>		0	1	3h
<p>Why is Swift often referred to as an easy language?</p>		3	10	6d
<p>Rules for uploading projects to Github</p>		9	14	12d
<p>Issue in graduating BIOS</p>		5	14	14d
<p>Readiness Assessment for iOS Developer Nanodegree</p>		9	78	15d

Connect with students & mentors: Post/answer questions and search for discussions on challenging topics

#6 1-on-1 Coaching and Mentorship every week

1:1 Coaching, mentoring, and personalized project reviews



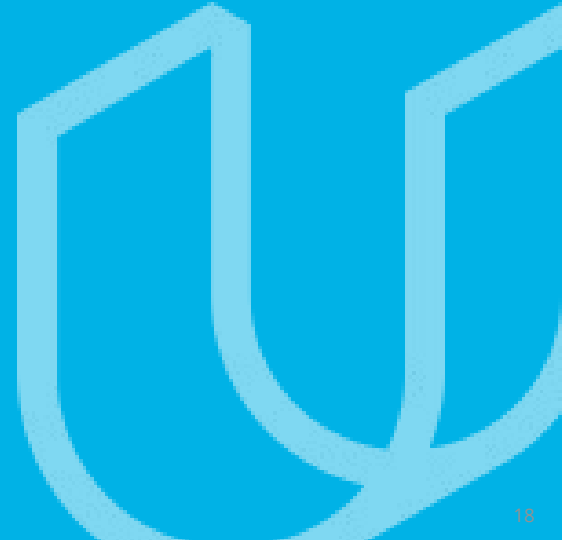
Cost?



19500/-

*Limited-time pricing ends January 20, 2017 at 11:59 pm PT. Limited to one offer per customer, per subscription. Discount cannot be combined with other offers. Other restrictions may apply.

Frequently Asked Question?



Any discounts available?

Not currently

How long is the Nanodegree?

6 months

Is there a pre requisite?

Working knowledge of Python programming.

What is the support email?

deeplearning-support@udacity.com

What is forum link?

<https://discussions.udacity.com/c/deep-learning-foundations>

What is the time commitment?

3 hours/Week

When is the first class?

January 20th, 2017

How many projects?

- Your first neural network
- Object Recognition
- Generate TV scripts
- Make a translation chatbot
- Generate faces

When does enrollment close?

January 20th, 2017

Floor is Open to
Questions

